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United States Department of Agriculture

Bureau of Markets

FOOD SURVEYS

Published by Authority of the Secretary of Agriculture

WASHINGTON, D. C.

SEPTEMBER 9, 1918—SPECIAL ISSUE.

VOL. II, No. 5

ANNOUNCEMENT.—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

CHARLES J. BRAND, Chief, Bureau of Markets.
C. W. THOMPSON, In Charge, Food Surveys Project.

COMMERCIAL STOCKS OF CORN, OATS, BARLEY, RYE, AND THE FOOD PRODUCTS MADE FROM THESE CEREALS

NOT INCLUDING RETAIL STOCKS.

The cereals and cereal food products for which information is here presented include corn, oats, barley, rye, barley flour, rye flour, corn flour, corn meal, miscellaneous corn food products, mixed flour, and rolled oats.

The total quantities of these commodities on hand and in transit, as reported in the Food Survey of July 1, 1918, by grain elevators, warehouses, manufacturers, and wholesalers, were as follows: Corn, 38,135,018 bushels; oats, 48,582,593 bushels; barley, 10,315,436 bushels; rye, 2,586,056 bushels; barley flour, 868,655 barrels; rye flour, 1,074,751 barrels; corn flour, 104,541,745 pounds; corn meal, 159,788,574 pounds; miscellaneous corn food products, 101,576,402 pounds; mixed flour, 14,452,480 pounds; rolled oats, 128,796,636 pounds. The figures for the goods in transit were obtained under the following instructions: "Report as in transit the total quantity which you have recently shipped and which you believe has not been delivered to the purchaser or consignee." The quantities of these commodities thus reported as in transit were as follows: Corn, 4,703,506 bushels; oats, 9,524,646 bushels; barley, 690,295 bushels; rye, 330,748 bushels; barley flour, 47,769 barrels; rye flour, 67,162 barrels; corn flour, 9,795,484 pounds; corn meal, 22,206,485 pounds; miscellaneous corn food products, 11,781,268 pounds; mixed flour, 376,853 pounds; rolled oats, 39,433,888 pounds. Preliminary figures for most of these commodities, as reported by elevators, warehouses, mills, and wholesale grain dealers, were published on July 29, 1918, in "Food Surveys," Vol. II, No. 1. The figures here presented are considerably larger, partly by reason of the inclusion of late schedules from the classes just mentioned, and partly because the reports of other classes of business are now included.

The reports covering the retail stocks of these commodities for July 1, 1918, are in process of tabulation. Some idea of the importance of the retail stocks as compared with the other commercial stocks of these commodities may be obtained from the Survey of January 1, 1918, in which it was found that the stocks in the hands of the retailers represented the following percentages of the total commercial stocks: Corn, 23.5 per cent; oats, 10.6 per cent; barley, 3.9 per cent; rye, 4.3 per cent; rye flour, 30.8 per cent; corn flour and corn meal, 50.0 per cent; miscellaneous corn food products, 24.2 per cent; rolled oats, 35.2 per cent.

The commercial stocks of these commodities on July 1, 1918, were in all cases found to be considerably larger than those held by the same firms July 1, 1917. The stocks on the date of the Survey represented the following percentages of those held one year earlier: Corn, 154.3 per cent; oats, 128.7 per cent; barley, 133.8 per cent; rye, 157.0 per cent; barley flour, 223.8 per cent; rye flour, 349.4 per cent; corn flour, 986.9 per cent; corn meal, 242.6 per cent; miscellaneous corn food products, 115.8 per cent; mixed flour, 200.1 per cent; rolled oats, 145.2 per cent. These figures indicate that while the stocks of all the commodities here considered showed a considerable increase over the corresponding stocks on hand one year earlier, the increase on a percentage basis was especially marked in the case of barley flour and corn flour, the stocks of the former being more than twenty-two times as large as they were one year ago, and those of the latter commodity nearly ten times as large. The striking increase in the stocks of these two commodities is the result, of course, of their extensive manufacture during the year for use as substitutes for wheat flour.

COMMERCIAL STOCKS OF CORN

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of corn, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by elevators and warehouses, grain mills, wholesale grain dealers, and a miscellaneous group of concerns, amounted to 38,135,018 bushels. Of this quantity, 33,431,512 bushels were reported as on hand and 4,703,506 bushels as in transit. As in the case of the other commodities for which information is given in this report, the stocks in the hands of retail dealers are not included. Of the stocks reported as on hand on the date of the Survey, the elevators and warehouses held 50.8 per cent; the grain mills, 15.2 per cent; the wholesale grain dealers, 18.5 per cent; and the miscellaneous group of firms, 15.5 per cent. The quantity actually reported as on hand by each class of business concerns is shown in the first column of Table 1, and the quantity reported as in transit from the concerns in each class is shown in the last column of the table. The relative stocks reported by the principal classes of business are represented in graphic form in Diagram 1.

The number of reports upon which the information in this report is based is shown, by classes of business, in Table 2.

Table 1.—Stocks of corn reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total	<i>Bushels.</i> 33,431,512	<i>Bushels.</i> 29,170,215	154.3	<i>Bushels.</i> 18,905,281	<i>Bushels.</i> 4,703,506
Elevators and ware- houses	16,979,821	14,318,411	150.8	9,495,830	3,030,230
Grain mills	5,074,427	4,212,138	135.0	3,120,031	112,366
Wholesale grain and flour dealers	6,192,917	5,575,680	191.6	2,909,063	1,462,343
Miscellaneous	5,184,347	5,063,986	149.8	3,380,357	98,567
Manufacturers of tapioca, sago, cornstarch, etc.	1,763,660	1,763,660	147.3	1,197,395	-----
Cereal food manu- facturers	1,135,456	1,126,904	123.5	912,591	73,764
Other miscellaneous	2,285,231	2,173,422	171.1	1,270,371	24,803

DIAGRAM 1.—DISTRIBUTION OF TOTAL STOCKS OF CORN REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNS, MANUFACTURERS, AND WHOLESALE DEALERS.

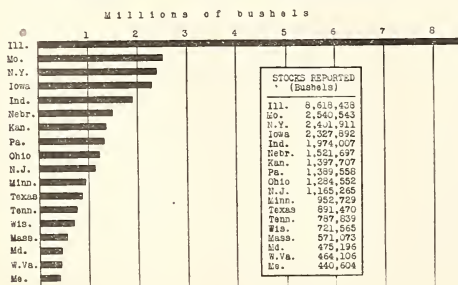


STOCKS REPORTED (Bushels)	
TOTAL	33,431,512
Elevators and warehouses	16,979,621
Grain mills	5,074,427
Wholesale grain dealers	6,192,917
Miscellaneous	5,184,347

Table 2.—Number of firms (storage concerns, manufacturers, and wholesale dealers) reporting corn.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	11,207	9,257
Elevators and warehouses	5,670	4,590
Grain mills	2,586	2,319
Wholesale grain and flour dealers	1,632	1,278
Miscellaneous	1,319	1,070
Manufacturers of tapioca, sago, cornstarch, etc.	8	43
Cereal food manufacturers	47	8
Other miscellaneous	1,264	1,019

DIAGRAM 2.—STOCKS OF CORN REPORTED BY STORAGE CONCERNS, MANUFACTURERS, AND WHOLESALE DEALERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Geographic Distribution of Stocks Reported.

The commercial stocks of corn reported in the Survey of July 1, 1918, are shown by geographic divisions and states, for each of the different classes of concerns, in Table 4. Of the 33,431,512 bushels reported as stocks on hand, 13,026,182 bushels were located in the East North Central states, while 9,042,759 bushels were reported from the West North Central division of states. These two divisions reported approximately two-thirds of the total commercial stocks in the country. Among the individual states, Illinois far outranked all the others, 8,618,438 bushels, or about one-fourth of the total, being reported from that state. Missouri ranked second on the list, with 2,540,543 bushels, New York third, Iowa fourth, and Indiana fifth. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 2. The quantities reported as in transit are given by geographic divisions and states in the last column of Table 4.

Table 3.—Comparative figures for corn—combined stocks of storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Bushels. 29,170,215	Bushels. 18,905,281
United States		
Geographic Divisions:		
New England	1,253,207	549,654
Middle Atlantic	4,498,618	2,384,578
East North Central	11,688,609	6,707,227
West North Central	7,495,238	5,758,780
South Atlantic	1,357,312	1,445,551
East South Central	1,070,530	833,920
West South Central	1,146,039	666,383
Mountain	294,478	239,259
Pacific	357,184	319,921
New England:		
Maine	231,932	92,399
New Hampshire	35,974	24,604
Vermont	238,555	100,062
Massachusetts	537,708	203,248
Rhode Island	30,602	36,219
Connecticut	149,436	93,122
Middle Atlantic:		
New York	2,114,304	1,037,638
New Jersey	1,121,672	602,032
Pennsylvania	1,262,642	744,908
East North Central:		
Ohio	1,174,306	799,184
Indiana	1,535,995	1,543,023
Illinois	8,125,053	3,847,410
Michigan	389,230	254,727
Wisconsin	464,025	262,883
West North Central:		
Minnesota	787,951	300,154
Iowa	1,972,019	2,444,934
Missouri	1,932,220	786,910
North Dakota	5,402	5,402
South Dakota	201,023	241,023
Nebraska	1,285,618	1,322,053
Kansas	1,304,553	649,745
South Atlantic:		
Delaware	11,108	9,170
Maryland	444,337	730,817
District of Columbia	46,639	22,723
Virginia	217,965	232,093
West Virginia	455,476	216,591
North Carolina	46,352	64,112
South Carolina	13,654	21,989
Georgia	84,185	112,466
Florida	37,596	35,598
East South Central:		
Kentucky	276,594	454,587
Tennessee	647,976	296,742
Alabama	117,354	67,953
Mississippi	37,606	14,638
West South Central:		
Arkansas	53,331	42,061
Louisiana	77,010	91,032
Oklahoma	245,500	139,467
Texas	770,198	393,823
Mountain:		
Montana	7,768	6,053
Idaho	20,017	11,214
Wyoming	8,364	6,323
Colorado	212,626	193,861
New Mexico	19,365	14,901
Arizona	13,718	3,712
Utah	10,879	3,143
Nevada	1,741	47
Pacific:		
Washington	77,201	88,022
Oregon	21,587	5,739
California	258,396	225,160

Comparative Figures for 1918 and 1917.

About seven-eighths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 1, and by geographic divisions and states in Table 3. These figures indicate that while all classes of concerns showed considerably larger stocks of corn on the date of the Survey than on July 1, 1917, the wholesale grain and flour dealers showed the greatest increase in stocks on a percentage basis, the increase amounting to 91.6 per cent. The total holdings of all classes of concerns here considered were 54.3 per cent larger on July 1, 1918, than on July 1, 1917. The relative amounts reported for the two dates are shown in graphic form in Diagram 3 for elevators and warehouses, grain mills, and wholesale grain dealers.

DIAGRAM 3.—STOCKS OF CORN REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

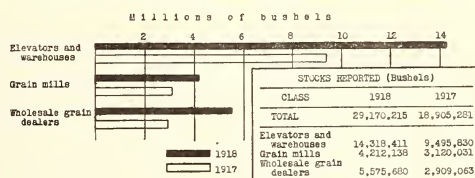


Table 4.—Stocks of corn reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Elevators and warehouses.	Grain mills.	Wholesale grain and flour dealers.	Miscellaneous.	Quantity reported as in transit on July 1, 1918.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
United States	33,431,512	16,979,821	5,074,427	6,192,917	5,184,347	4,703,506
GEOGRAPHIC DIVISIONS:						
New England	1,545,463	573,009	69,989	733,634	168,831	19,110
Middle Atlantic	4,956,734	2,090,947	757,456	798,780	1,309,551	501,686
East North Central	13,026,182	6,561,680	1,164,367	3,060,227	2,239,908	2,435,495
West North Central	9,042,759	6,170,972	1,092,066	636,012	1,143,610	1,515,962
South Atlantic	1,493,810	475,572	761,503	159,630	97,105	33,465
East South Central	1,276,776	533,535	533,574	199,138	90,529	121,277
West South Central	1,355,645	509,922	469,616	312,177	63,930	64,858
Mountain	367,297	125,962	117,098	74,217	50,020	10,303
Pacific	366,846	18,222	108,158	219,102	21,364	1,350
NEW ENGLAND:						
Maine	440,604	263,983	7,574	157,687	11,360	2,571
New Hampshire	36,750	6,800	5,071	23,559	1,220	—
Vermont	241,473	2,262	7,225	146,283	85,703	5,262
Massachusetts	571,073	273,915	8,417	280,386	8,555	7,847
Rhode Island	80,652	4,861	39,002	36,769	20	3,200
Connecticut	174,911	21,188	2,700	88,850	62,173	200
MIDDLE ATLANTIC:						
New York	2,401,911	1,290,346	210,435	558,675	342,455	446,682
New Jersey	1,165,265	155,908	51,540	50,522	907,295	4,064
Pennsylvania	1,389,558	644,693	495,481	189,583	59,801	50,940
EAST NORTH CENTRAL:						
Ohio	1,284,552	593,193	221,118	304,845	165,396	211,140
Indiana	1,974,007	1,055,609	426,892	378,467	113,039	122,937
Illinois	8,618,438	4,328,929	318,359	2,077,755	1,893,395	1,885,187
Michigan	427,620	184,780	139,849	88,317	14,674	78,898
Wisconsin	721,565	399,169	58,149	210,843	53,404	137,333
WEST NORTH CENTRAL:						
Minnesota	952,729	505,397	382,193	54,043	11,096	205,615
Iowa	2,327,892	1,164,306	58,441	82,276	1,022,869	324,790
Missouri	2,540,543	1,960,812	229,948	288,100	61,523	429,855
North Dakota	60,344	38,667	1,563	265	269	860
South Dakota	241,347	225,214	6,086	7,382	2,665	94,830
Nebraska	1,521,697	1,199,734	154,389	139,394	28,180	410,257
Kansas	1,397,707	1,056,742	260,046	64,412	16,507	49,655
SOUTH ATLANTIC:						
Delaware	12,388	430	10,014	1,734	210	—
Maryland	475,196	393,445	36,220	39,211	6,320	6,024
District of Columbia	46,639	12,605	—	9,605	24,429	—
Virginia	276,782	49,558	125,104	76,517	25,613	9,133
West Virginia	464,106	8,442	439,477	11,887	4,300	8,686
North Carolina	55,405	—	48,244	1,345	5,816	4,765
South Carolina	15,941	—	7,177	5,506	3,258	2,500
Georgia	107,752	11,079	74,946	6,064	15,663	1,531
Florida	39,601	13	20,321	7,761	11,506	826
EAST SOUTH CENTRAL:						
Kentucky	312,111	88,244	158,959	32,992	31,916	52,999
Tennessee	787,839	333,960	296,595	139,187	18,097	54,683
Alabama	125,648	18,962	75,560	13,121	18,003	5,000
Mississippi	51,150	12,369	2,460	18,888	22,513	8,595
WEST SOUTH CENTRAL:						
Arkansas	91,520	25,508	45,263	17,388	3,361	6,587
Louisiana	98,546	33,682	—	34,631	25,233	315
Oklahoma	279,109	112,490	119,854	38,111	8,645	7,255
Texas	891,470	338,233	301,499	222,047	26,691	50,704
MOUNTAIN:						
Montana	11,615	7,577	247	2,915	876	—
Idaho	20,666	5,955	14,245	83	385	33
Wyoming	9,850	615	7,100	1,313	822	—
Colorado	249,856	98,038	63,131	66,447	22,240	10,125
New Mexico	30,381	7,416	3,759	1,563	17,643	115
Arizona	25,385	—	17,524	988	6,873	30
Utah	16,789	5,885	9,940	908	58	—
Nevada	2,755	480	1,152	—	1,123	—
PACIFIC:						
Washington	81,673	8,607	50,141	14,418	8,507	200
Oregon	22,159	4,052	3,842	12,934	1,331	—
California	263,014	5,563	54,175	191,750	11,526	1,150

COMMERCIAL STOCKS OF OATS NOT INCLUDING RETAIL STOCKS.

The commercial stocks of oats, exclusive of retail stocks, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, amounted to 48,582,593 bushels. Of this quantity, 39,057,947 bushels were reported as on hand and 9,524,646 bushels as in transit. Of the stocks on hand, the elevators and warehouses held 61.6 per cent; the grain mills, 7.7 per cent; the wholesale grain dealers, 20.8 per cent; and the miscellaneous group of firms, 9.9 per cent. The stocks reported by each class of concerns are shown in the first column of Table 5, and the quantity in transit in the last column.

The number of schedules received and tabulated for oats is shown, by classes of business, in Table 6.

Table 5.—Stocks of oats reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total.....	<i>Bushels.</i> 39,057,947	<i>Bushels.</i> 33,520,058	128.7	<i>Bushels.</i> 26,043,485	<i>Bushels.</i> 9,524,646
Elevators and ware- houses.....	24,043,188	20,412,174	129.3	15,790,086	6,385,930
Grain mills.....	3,047,890	2,712,793	149.4	1,815,309	114,283
Wholesale grain and flour dealers.....	8,108,954	6,712,484	109.5	6,135,998	2,699,550
Miscellaneous.....	3,857,915	3,682,607	159.9	2,302,092	324,882
<i>Cereal food manu- facturers.....</i>	<i>2,402,177</i>	<i>2,399,680</i>	<i>200.2</i>	<i>1,198,403</i>	<i>274,163</i>
<i>Other miscellaneous.....</i>	<i>1,455,738</i>	<i>1,282,927</i>	<i>116.3</i>	<i>1,103,689</i>	<i>50,719</i>

DIAGRAM 4.—DISTRIBUTION OF TOTAL STOCKS OF OATS REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNS, MANUFACTURERS, AND WHOLESALE DEALERS.

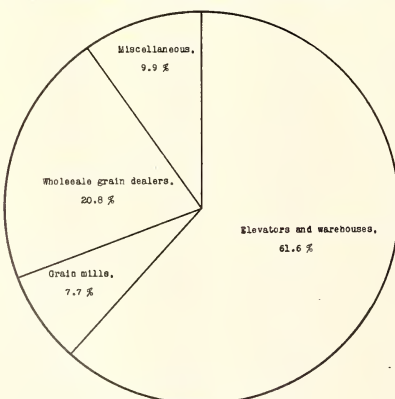


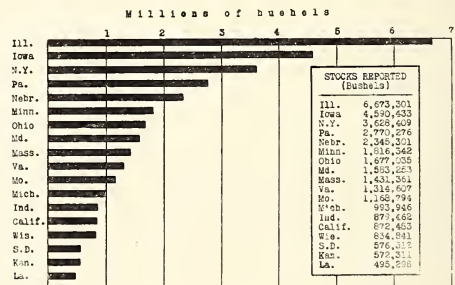
Table 6.—Number of firms (storage concerns, manufacturers, and wholesale dealers) reporting oats.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	12,823	10,293
Elevators and warehouses.....	7,562	6,105
Grain mills.....	1,741	1,336
Wholesale grain and flour dealers.....	1,707	1,333
Miscellaneous.....	1,813	1,519
Cereal food manufacturers.....	54	47
Other miscellaneous.....	1,759	1,472

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of oats reported by the different classes of commercial concerns here considered is shown in Table 7. The West North Central division, it may be noticed, reported approximately eleven and one-half million bushels as stocks on hand, and the East North Central division reported an amount only slightly smaller. These two divisions together reported nearly three-fifths of the total for the entire country. Turning to the figures for the individual states, it may be noted that Illinois ranked first in stocks reported, Iowa second, New York third, Pennsylvania fourth, and Nebraska fifth. The stocks reported from the eighteen most important states are shown in graphic form in Diagram 5. The quantities reported as in transit are shown, by geographic divisions and states, in the last column of Table 7.

DIAGRAM 5.—STOCKS OF OATS REPORTED BY STORAGE CONCERNS, MANUFACTURERS, AND WHOLESALE DEALERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

Nearly seven-eighths of the reports, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 5, and by geographic divisions and states in Table 8. These figures indicate an increase in the stocks on hand on July 1, 1918, as compared with the stocks one year earlier in the case of all classes of concerns. The total stocks reported for the date of the Survey were 28.7 per cent larger than the corresponding stocks on July 1, 1917. The relative quantities on hand on the two dates are represented in graphic form for each class of dealers, with the exception of the miscellaneous group, in Diagram 6.

Table 7.—Stocks of oats reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Elevators and warehouses.	Grain mills.	Wholesale grain and flour dealers.	Miscellaneous.	Quantity reported as in transit on July 1, 1918.
	<i>Bushels.</i> 39,057,947	<i>Bushels.</i> 24,043,188	<i>Bushels.</i> 3,047,890	<i>Bushels.</i> 8,108,954	<i>Bushels.</i> 3,857,915	<i>Bushels.</i> 9,524,646
United States						
GEOGRAPHIC DIVISIONS:						
New England.....	2,888,753	1,172,900	119,449	910,982	85,422	32,489
Middle Atlantic.....	6,847,096	2,592,770	1,494,389	2,338,667	421,270	719,368
East North Central.....	11,058,585	7,457,989	404,302	2,439,580	756,714	3,654,943
West North Central.....	11,533,188	8,900,908	170,898	496,712	1,964,670	4,651,890
South Atlantic.....	3,394,102	2,603,728	118,008	386,581	292,785	55,868
East South Central.....	790,099	166,031	35,407	484,481	104,180	224,493
West South Central.....	1,007,759	328,328	54,132	525,023	105,276	162,402
Mountain.....	709,236	372,660	147,746	115,130	73,700	21,283
Pacific.....	1,422,129	452,874	503,559	411,798	53,898	1,910
NEW ENGLAND:						
Maine.....	270,321	30,908	17,977	194,308	27,128	-----
New Hampshire.....	77,096	11,500	11,945	52,689	962	2,000
Vermont.....	128,557	5,036	28,200	91,288	4,033	4,345
Massachusetts.....	1,431,361	1,048,903	13,387	334,294	34,777	16,194
Rhode Island.....	120,388	39,148	39,440	37,615	4,185	900
Connecticut.....	261,030	37,405	8,500	200,788	14,337	9,050
MIDDLE ATLANTIC:						
New York.....	3,628,400	1,641,994	200,550	1,534,976	250,889	458,233
New Jersey.....	448,411	105,514	109,883	192,869	40,145	4,466
Pennsylvania.....	2,770,276	845,262	1,183,956	610,822	130,236	256,609
EAST NORTH CENTRAL:						
Ohio.....	1,677,035	1,088,127	111,444	166,175	311,289	252,516
Indiana.....	879,462	646,487	80,654	140,745	11,576	335,326
Illinois.....	6,673,301	4,480,960	41,854	1,772,829	377,658	2,578,088
Michigan.....	963,946	768,505	84,377	108,358	32,706	115,115
Wisconsin.....	834,841	473,910	85,973	251,473	23,485	373,898
WEST NORTH CENTRAL:						
Minnesota.....	1,816,342	1,598,146	50,876	115,903	51,417	801,974
Iowa.....	4,590,433	2,577,214	45,502	135,798	1,831,919	1,839,593
Missouri.....	1,168,794	975,855	15,683	120,109	57,147	124,679
North Dakota.....	463,495	442,163	5,127	14,774	1,431	21,961
South Dakota.....	576,512	547,716	9,475	16,594	2,727	427,332
Nebraska.....	2,345,301	2,245,336	32,159	66,571	1,235	1,417,642
Kansas.....	572,311	514,478	12,076	26,963	18,794	18,769
SOUTH ATLANTIC:						
Delaware.....	19,942	-----	1,920	14,280	3,742	-----
Maryland.....	1,583,253	1,531,819	8,783	28,720	13,931	47
District of Columbia.....	81,685	15,461	-----	64,200	2,024	-----
Virginia.....	1,314,607	1,032,244	62,797	185,822	33,744	24,700
West Virginia.....	72,003	984	33,537	15,367	22,115	2,321
North Carolina.....	80,633	1,055	5,624	28,275	45,679	13,370
South Carolina.....	37,964	-----	468	13,280	24,216	110
Georgia.....	130,020	22,162	4,562	19,153	84,140	8,180
Florida.....	80,995	-----	317	17,484	63,194	7,140
EAST SOUTH CENTRAL:						
Kentucky.....	461,953	76,204	8,996	363,221	13,532	123,760
Tennessee.....	189,936	88,022	12,958	74,981	13,975	92,394
Alabama.....	91,634	1,805	11,326	38,879	39,624	2,385
Mississippi.....	46,576	-----	2,127	7,400	37,049	5,945
WEST SOUTH CENTRAL:						
Arkansas.....	68,545	12,008	5,738	17,623	33,176	35,160
Louisiana.....	495,298	41,320	-----	409,640	44,338	15,700
Oklahoma.....	73,456	59,027	3,818	8,088	2,523	7,375
Texas.....	370,460	210,973	44,576	89,672	25,239	104,167
MOUNTAIN:						
Montana.....	266,222	185,004	44,897	20,029	16,292	1,443
Idaho.....	135,578	89,920	28,877	15,824	957	8,508
Wyoming.....	21,855	8,423	8,036	3,018	2,378	-----
Colorado.....	195,183	72,758	39,566	65,711	17,148	10,880
New Mexico.....	33,476	10,130	-----	2,367	20,849	163
Arizona.....	24,598	-----	12,777	750	11,071	280
Utah.....	18,836	5,825	7,912	7,431	2,668	-----
Nevada.....	8,488	600	5,551	-----	2,337	-----
PACIFIC:						
Washington.....	252,102	71,934	109,498	69,578	1,092	250
Oregon.....	297,544	72,248	115,126	108,687	1,483	-----
California.....	872,483	308,692	278,935	233,533	51,323	1,660

DIAGRAM 6.—STOCKS OF OATS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

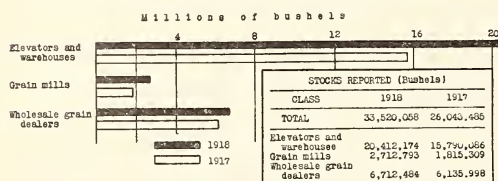


Table 8.—Comparative figures for oats—combined stocks of storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.		Stocks reported for July 1, 1917.	
	Bushels.		Bushels.	
United States.....	33,520,058		26,043,485	
GEOGRAPHIC DIVISIONS:				
New England.....	2,107,118		1,373,043	
Middle Atlantic.....	6,391,774		5,969,781	
East North Central.....	9,921,174		7,148,498	
West North Central.....	8,980,379		6,450,833	
South Atlantic.....	3,260,067		1,830,543	
East South Central.....	427,850		484,070	
West South Central.....	597,652		610,251	
Mountain.....	582,896		776,015	
Pacific.....	1,251,148		1,400,451	
NEW ENGLAND:				
Maine.....	173,967		122,859	
New Hampshire.....	64,421		49,414	
Vermont.....	124,286		124,223	
Massachusetts.....	1,407,236		817,912	
Rhode Island.....	101,528		57,976	
Connecticut.....	237,980		200,659	
MIDDLE ATLANTIC:				
New York.....	3,521,968		3,725,568	
New Jersey.....	320,258		286,220	
Pennsylvania.....	2,549,548		1,357,993	
EAST NORTH CENTRAL:				
Ohio.....	1,536,744		967,090	
Indiana.....	756,015		478,006	
Illinois.....	6,062,660		4,520,747	
Michigan.....	852,669		328,642	
Wisconsin.....	713,087		854,013	
WEST NORTH CENTRAL:				
Minnesota.....	1,645,843		2,325,420	
Iowa.....	3,952,785		2,462,501	
Missouri.....	1,113,801		329,607	
North Dakota.....	400,898		442,411	
South Dakota.....	446,742		336,074	
Nebraska.....	804,338		406,793	
Kansas.....	523,972		151,018	
SOUTH ATLANTIC:				
Delaware.....	19,837		8,218	
Maryland.....	1,539,823		828,902	
District of Columbia.....	81,011		43,659	
Virginia.....	1,269,544		514,026	
West Virginia.....	61,864		45,112	
North Carolina.....	68,946		72,514	
South Carolina.....	31,196		48,266	
Georgia.....	95,455		165,371	
Florida.....	72,401		104,181	
EAST SOUTH CENTRAL:				
Kentucky.....	133,630		165,056	
Tennessee.....	169,275		163,797	
Alabama.....	82,984		78,142	
Mississippi.....	39,961		77,075	
WEST SOUTH CENTRAL:				
Arkansas.....	51,014		37,347	
Louisiana.....	173,272		287,909	
Oklahoma.....	61,226		34,186	
Texas.....	312,140		250,809	
MOUNTAIN:				
Montana.....	183,439		328,256	
Idaho.....	128,772		189,338	
Wyoming.....	15,819		16,430	
Colorado.....	152,166		162,379	
New Mexico.....	20,757		15,979	
Arizona.....	22,611		18,645	
Utah.....	20,689		40,589	
Nevada.....	7,643		4,399	
PACIFIC:				
Washington.....	238,516		574,648	
Oregon.....	191,816		328,866	
California.....	820,816		496,937	

COMMERCIAL STOCKS OF BARLEY NOT INCLUDING RETAIL STOCKS.

The commercial stocks of barley, other than retail stocks, together with the quantities in transit, as reported in the Survey of July 1, 1918, amounted to 10,315,436 bushels, comprising 9,625,141 bushels on hand and 690,295 bushels in transit. Of the stocks reported as on hand, the elevators and warehouses held 62.7 per cent; the wholesale grain dealers, 7.5 per cent; and the grain mills, the brewers, and the miscellaneous group of firms each held approximately 10 per cent of the total. The stocks on hand reported by each of the above-mentioned classes of business concerns are shown in the first column of Table 9, and the quantities in transit in the last column. The relative stocks reported by the different classes of firms are represented in graphic form in Diagram 7.

The number of schedules on which the information given in this report is based is shown, by classes of business, in Table 11.

Table 9.—Stocks of barley reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total -----	<i>Bushels.</i> 9,625,141	<i>Bushels.</i> 8,273,701	133.8	<i>Bushels.</i> 6,181,772	<i>Bushels.</i> 690,295
Elevators and ware- houses -----	6,040,856	5,502,817	141.6	3,884,152	631,702
Grain mills -----	1,025,225	795,049	217.4	365,799	19,467
Wholesale grain and flour dealers -----	721,029	455,015	115.8	393,072	30,166
Brewers -----	912,599	668,782	81.8	817,340	1,878
Miscellaneous -----	923,432	852,038	118.1	721,409	7,082
<i>Maltsters</i> -----	48,477	48,477	43.6	356,201	-----
<i>Cereal food manu- facturers</i> -----	287,310	287,202	239.9	119,768	5,481
<i>Other miscellaneous</i> -----	589,645	516,359	210.4	245,440	1,601

DIAGRAM 7.—DISTRIBUTION OF TOTAL STOCKS OF BARLEY REPORTED FOR JULY 1, 1918, BY STORAGE CONCERNS, MANUFACTURERS, AND WHOLESALE DEALERS.

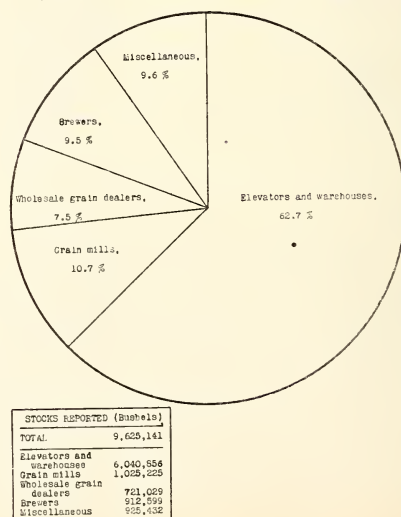


Table 10.—Stocks of barley reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Elevators and warehouses.	Grain mills.	Wholesale grain and flour dealers.	Brewers.	Miscellaneous.	Quantity reported as in transit on July 1, 1918.
United States.....	<i>Bushels.</i> 9,625,141	<i>Bushels.</i> 6,940,856	<i>Bushels.</i> 1,025,225	<i>Bushels.</i> 721,029	<i>Bushels.</i> 912,599	<i>Bushels.</i> 925,432	<i>Bushels.</i> 690,295
GEOGRAPHIC DIVISIONS:							
New England.....	481,099	408,184	5,535	42,908	15,597	8,875	2,291
Middle Atlantic.....	1,130,920	772,253	123,465	38,318	51,221	145,663	9,114
East North Central.....	1,962,230	597,039	240,049	110,928	830,801	183,393	305,472
West North Central.....	1,913,961	1,493,739	154,183	39,860	736	235,443	334,801
South Atlantic.....	128,036	56,433	474	3,409	-----	67,720	31
East South Central.....	26,007	8,214	1,079	8,261	-----	8,453	600
West South Central.....	25,335	3,109	3,787	5,393	8,653	4,393	1
Mountain.....	374,702	76,402	200,974	60,616	5,591	31,119	15
Pacific.....	3,582,561	2,635,463	295,679	411,336	-----	240,373	37,970
NEW ENGLAND:							
Maine.....	7,694	-----	-----	6,485	750	459	-----
New Hampshire.....	399	40	10	195	-----	154	-----
Vermont.....	9,402	15	700	8,405	-----	282	500
Massachusetts.....	436,800	407,010	2,619	21,679	-----	5,492	1,391
Rhode Island.....	4,028	862	2,206	520	-----	440	400
Connecticut.....	22,776	257	-----	5,624	14,847	2,048	-----
MIDDLE ATLANTIC:							
New York.....	470,553	220,250	97,338	22,826	16,500	113,639	8,710
New Jersey.....	379,372	357,540	2,156	6,353	7,752	5,571	-----
Pennsylvania.....	280,995	194,463	23,971	9,139	26,969	26,453	404
EAST NORTH CENTRAL:							
Ohio.....	319,517	27,761	179,517	8,007	32,098	72,134	3,443
Indiana.....	238,714	804	1,839	100	230,000	5,971	-----
Illinois.....	476,634	313,599	14,364	71,114	475	77,082	13,564
Michigan.....	44,018	32,264	4,226	1,975	1,337	4,216	44
Wisconsin.....	883,347	222,631	40,103	29,732	560,891	23,990	288,421
WEST NORTH CENTRAL:							
Minnesota.....	850,435	734,990	94,705	17,083	736	2,921	186,027
Iowa.....	339,657	81,710	33,897	1,828	-----	222,222	11,289
Missouri.....	150,994	142,867	607	2,546	-----	4,914	105
North Dakota.....	210,792	107,492	2,638	9,842	-----	830	60,315
South Dakota.....	213,322	192,449	17,459	3,324	-----	90	71,867
Nebraska.....	132,918	121,025	4,441	4,785	-----	2,667	3,698
Kansas.....	15,843	13,206	376	452	-----	1,809	1,500
SOUTH ATLANTIC:							
Delaware.....	1,677	-----	-----	834	-----	843	-----
Maryland.....	74,184	49,207	-----	1,872	-----	23,105	28
District of Columbia.....	7,234	7,226	-----	-----	-----	8	-----
Virginia.....	629	-----	40	474	-----	115	3
West Virginia.....	41,894	-----	434	15	-----	41,445	-----
North Carolina.....	229	-----	-----	200	-----	29	-----
South Carolina.....	144	-----	-----	14	-----	130	-----
Georgia.....	2,025	-----	-----	-----	-----	2,025	-----
Florida.....	20	-----	-----	-----	-----	20	-----
EAST SOUTH CENTRAL:							
Kentucky.....	12,037	2,074	13	1,781	-----	8,169	-----
Tennessee.....	12,643	6,140	1,066	5,265	-----	172	600
Alabama.....	1,262	-----	-----	1,215	-----	47	-----
Mississippi.....	65	-----	-----	-----	-----	65	-----
WEST SOUTH CENTRAL:							
Arkansas.....	285	-----	-----	-----	-----	285	-----
Louisiana.....	12,221	1,685	-----	1,364	8,653	519	1
Oklahoma.....	3,178	-----	-----	-----	-----	3,125	-----
Texas.....	9,651	1,381	3,787	4,019	-----	464	-----
MOUNTAIN:							
Montana.....	30,135	4,610	2,465	16,631	5,591	838	-----
Idaho.....	59,222	33,644	18,987	6,517	-----	74	-----
Wyoming.....	321	-----	-----	165	-----	156	-----
Colorado.....	88,803	31,043	24,965	11,152	-----	21,643	-----
New Mexico.....	1,670	-----	-----	100	-----	1,570	-----
Arizona.....	162,088	928	133,364	24,220	-----	3,576	15
Utah.....	15,450	944	13,023	1,249	-----	234	-----
Nevada.....	17,013	5,233	8,170	582	-----	3,028	-----
PACIFIC:							
Washington.....	117,122	37,092	61,361	18,026	-----	643	2,462
Oregon.....	292,905	69,333	50,722	161,373	-----	1,477	2,203
California.....	3,182,824	2,529,038	183,596	231,937	-----	238,253	33,305

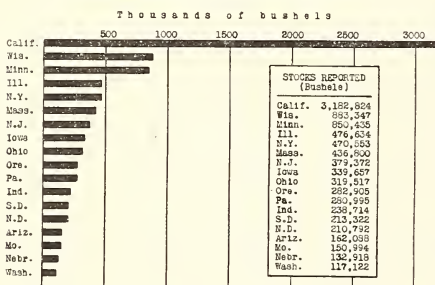
Table 11.—Number of firms (storage concerns, manufacturers, and wholesale dealers) reporting barley.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	5,099	4,025
Elevators and warehouses.....	3,131	2,489
Grain mills.....	465	347
Wholesale grain and flour dealers.....	529	409
Brewers.....	43	38
Miscellaneous.....	931	742
Maltsters.....	12	12
Cereal food manufacturers.....	11	10
Other miscellaneous.....	908	720

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of barley reported by the classes of concerns here considered is shown in Table 10. The Pacific division alone, it may be noticed, reported 3,582,851 bushels of barley as on hand on the date of the Survey, this amount comprising more than one-third of the total for the country. More than seven-eighths of the barley reported from the Pacific division was located in the state of California. The relative holdings of barley reported for the eighteen most important states are shown in graphic form in Diagram 8. The quantities of barley in transit on the date of the Survey are given by geographic divisions and states in the last column of Table 10.

Diagram 8.—Stocks of Barley Reported by Storage Concerns, Manufacturers, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About 86 per cent of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 9, and by geographic divisions and states in Table 12. Each of the more important classes of business, it may be noticed, with the exception of the brewers, held larger stocks on the date of the Survey than on July 1, 1917. In the case of the grain mills, the stocks on July 1, 1918, were more than twice as large as those on hand one year earlier. The total stocks reported for July 1, 1918, were 33.8 per cent larger than those on hand July 1, 1917. The relative holdings on the two dates are shown graphically, for each class of concerns except the miscellaneous group, in Diagram 9.

Diagram 9.—Stocks of Barley Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

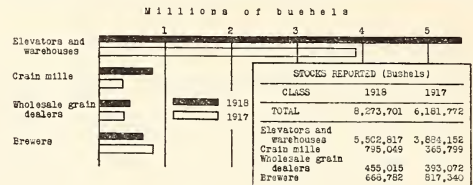


Table 12.—Comparative figures for barley—combined stocks of storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States.....	Bushels. 8,273,701	Bushels. 6,161,772
GEOGRAPHIC DIVISIONS:		
New England.....	468,500	55,836
Middle Atlantic.....	1,018,781	715,946
East North Central.....	1,566,854	1,245,005
West North Central.....	1,617,337	913,464
South Atlantic.....	101,901	110,163
East South Central.....	21,101	7,439
West South Central.....	20,737	11,181
Mountain.....	263,988	179,359
Pacific.....	3,194,502	2,943,359
NEW ENGLAND:		
Maine.....	4,093	711
New Hampshire.....	299	1,546
Vermont.....	9,397	19,355
Massachusetts.....	431,882	21,057
Rhode Island.....	3,979	515
Connecticut.....	18,850	12,652
MIDDLE ATLANTIC:		
New York.....	405,646	522,571
New Jersey.....	375,856	159,755
Pennsylvania.....	237,279	33,620
EAST NORTH CENTRAL:		
Ohio.....	294,633	111,996
Indiana.....	2,976	4,382
Illinois.....	382,201	274,632
Michigan.....	33,465	32,173
Wisconsin.....	853,579	821,822
WEST NORTH CENTRAL:		
Minnesota.....	738,000	376,830
Iowa.....	309,427	68,896
Missouri.....	147,864	30,933
North Dakota.....	175,190	295,441
South Dakota.....	157,043	126,668
Nebraska.....	81,382	8,982
Kansas.....	8,431	6,614
SOUTH ATLANTIC:		
Delaware.....	1,669	410
Maryland.....	71,204	106,529
District of Columbia.....	8	27
Virginia.....	302	591
West Virginia.....	26,532	1,541
North Carolina.....	29	10
South Carolina.....	130	5
Georgia.....	2,007	1,050
Florida.....	20	
EAST SOUTH CENTRAL:		
Kentucky.....	11,714	6,046
Tennessee.....	8,067	1,398
Alabama.....	1,255	5
Mississippi.....	65	10
WEST SOUTH CENTRAL:		
Arkansas.....	95	8
Louisiana.....	11,480	5,204
Oklahoma.....	3,168	884
Texas.....	5,994	5,085
MOUNTAIN:		
Montana.....	13,027	21,957
Idaho.....	43,341	24,874
Wyoming.....	85	72
Colorado.....	76,900	36,022
New Mexico.....	551	
Arizona.....	114,647	88,125
Utah.....	3,424	2,975
Nevada.....	12,013	4,734
PACIFIC:		
Washington.....	93,725	137,832
Oregon.....	108,407	76,363
California.....	2,992,367	2,729,164

COMMERCIAL STOCKS OF RYE
NOT INCLUDING RETAIL STOCKS.

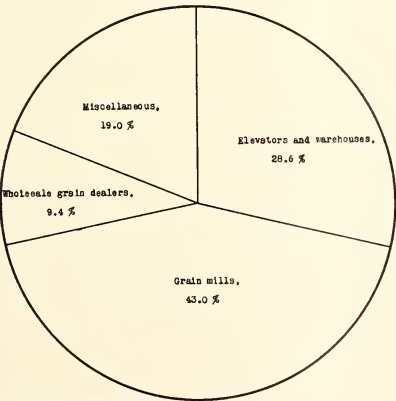
The commercial stocks of rye, omitting retail stocks, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, amounted to 2,586,056 bushels. Of this amount, 2,255,308 bushels were reported as on hand and 330,748 bushels as in transit. Of the stocks on hand, the elevators and warehouses held 28.6 per cent; the grain mills, 43.0 per cent; the wholesale grain dealers, 9.4 per cent; and the miscellaneous group of concerns, 19.0 per cent. The stocks reported by each of these classes of business concerns are shown in the first column of Table 13, and the quantities in transit are similarly shown in the last column of the table. The relative quantities held by the various classes of concerns are represented in graphic form in Diagram 10.

The number of schedules received and tabulated for rye is shown, by classes of business, in Table 14.

Table 13.—Stocks of rye reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total -----	<i>Bushels.</i> 2,255,308	<i>Bushels.</i> 1,563,901	157.0	<i>Bushels.</i> 995,919	<i>Bushels.</i> 330,748
Elevators and ware- houses -----	645,604	554,064	103.6	534,485	68,609
Grain mills -----	968,398	803,246	263.6	304,611	217,183
Wholesale grain deal- ers -----	212,598	116,754	181.5	64,290	38,083
Miscellaneous -----	428,708	89,837	97.1	92,533	6,873
Cereal food manu- facturers -----	43,959	19,836	138.6	14,314	5,429
Other miscellaneous -----	384,749	70,031	89.5	78,219	1,444

Diagram 10.—Distribution of Total Stocks of Rye Reported for July 1, 1918, by Storage Concerns, Manufacturers, and Wholesale Dealers.



STOCKS REPORTED (Bushels)	
TOTAL	2,255,308
Elevators and warehouses	645,604
Grain mills	968,398
Wholesale grain dealers	212,598
Miscellaneous	428,708

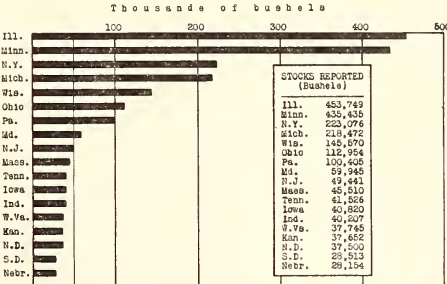
Table 14.—Number of firms (storage concerns, manufacturers, and wholesale dealers) reporting rye.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total-----	3,195	2,374
Elevators and warehouses-----	1,686	1,270
Grain mills-----	833	590
Wholesale grain dealers-----	344	261
Miscellaneous-----	332	253
Cereal food manufacturers-----	14	9
Other miscellaneous-----	318	244

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of rye reported in this Survey is shown in Table 15. The East North Central division, it may be noticed, ranked first in stocks reported, the West North Central division second, the Middle Atlantic division third, and the South Atlantic division fourth. Turning to the figures for the individual states, it will be noticed that Illinois and Minnesota each reported well toward one-half million bushels of rye. These states together reported considerably more than one-third of the total commercial stocks here considered. The state of New York ranked third in stocks reported, Michigan fourth, and Wisconsin fifth. The stocks reported for the eighteen most important states are represented in graphic form in Diagram 11. The quantities of barley in transit on the date of the Survey are shown by geographic divisions and states in the last column of Table 15.

Diagram 11.—Stocks of Rye Reported by Storage Concerns, Manufacturers, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About seven-tenths of the returns gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 13, and by geographic divisions and states in Table 16. Each of the more important classes of business concerns, with the exception of the miscellaneous group, reported larger stocks for July 1, 1918, than for July 1, 1917. The largest increase in the stocks is shown by the grain mills, this class of concerns holding more than two and one-half times as large stocks on the date of the Survey as on July 1, 1917. The total stocks of the classes of concerns here considered were 57.0 per cent larger on the date of the Survey than they were one year ago. This increase in stocks is shown in graphic form, by classes of business, in Diagram 12.

Table 15.—Stocks of rye reported for July 1, 1918, by storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	Elevators and warehouses.	Grain mills.	Wholesale grain dealers.	Miscellaneous.	Quantity reported as in transit on July 1, 1918.
	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>
United States.....	2,255,308	645,604	968,398	212,598	428,708	330,748
GEOGRAPHIC DIVISIONS:						
New England.....	54,054	37,082	3,152	12,455	1,365	-----
Middle Atlantic.....	372,922	42,634	271,408	26,007	32,873	6,737
East North Central.....	970,952	180,494	319,660	136,118	334,680	73,067
West North Central.....	634,188	292,211	317,117	20,846	4,014	55,678
South Atlantic.....	107,555	60,251	2,696	3,534	40,774	2,300
East South Central.....	45,921	6,037	32,108	5,927	1,849	192,000
West South Central.....	11,122	1,603	6,893	1,061	1,565	-----
Mountain.....	14,263	7,113	1,450	1,281	4,419	960
Pacific.....	44,331	18,179	13,914	5,069	7,169	-----
NEW ENGLAND:						
Maine.....	5,536	3,659	-----	1,707	170	-----
New Hampshire.....	660	-----	224	-----	436	-----
Vermont.....	326	5	68	212	38	-----
Massachusetts.....	45,510	31,900	2,850	10,144	616	-----
Rhode Island.....	1,344	1,200	10	134	-----	-----
Connecticut.....	678	315	-----	258	105	-----
MIDDLE ATLANTIC:						
New York.....	223,076	16,880	168,044	6,844	31,308	1,062
New Jersey.....	49,441	19,036	23,222	6,840	-----	5,150
Pennsylvania.....	100,405	6,718	80,142	12,314	1,231	525
EAST NORTH CENTRAL:						
Ohio.....	112,954	14,040	73,523	15,819	9,572	10,169
Indiana.....	40,207	17,024	22,802	309	72	2,750
Illinois.....	453,749	53,059	34,546	76,025	290,119	20,260
Michigan.....	218,472	48,720	104,159	35,561	30,032	6,231
Wisconsin.....	145,570	47,651	84,630	8,404	4,885	33,637
WEST NORTH CENTRAL:						
Minnesota.....	435,435	194,300	223,759	16,683	693	36,396
Iowa.....	40,820	8,376	31,041	76	1,327	1,145
Missouri.....	26,114	17,362	7,334	78	1,340	46
North Dakota.....	37,500	26,786	9,642	925	147	9,823
South Dakota.....	25,513	27,053	1,313	147	-----	3,009
Nebraska.....	28,154	12,500	12,881	2,671	102	5,259
Kansas.....	37,652	5,834	31,147	266	405	-----
SOUTH ATLANTIC:						
Delaware.....	140	-----	-----	100	40	-----
Maryland.....	59,945	57,444	658	1,718	125	2,200
District of Columbia.....	2,416	2,416	-----	-----	-----	-----
Virginia.....	2,882	-----	1,033	1,709	140	-----
West Virginia.....	37,745	344	641	15	36,745	100
North Carolina.....	1,008	-----	199	115	694	-----
South Carolina.....	497	-----	165	-----	332	-----
Georgia.....	2,149	47	-----	86	2,016	-----
Florida.....	773	-----	-----	91	682	-----
EAST SOUTH CENTRAL:						
Kentucky.....	4,037	1,870	360	356	1,451	-----
Tennessee.....	41,526	4,167	31,746	5,571	42	192,000
Alabama.....	261	-----	-----	-----	261	-----
Mississippi.....	97	-----	2	-----	95	-----
WEST SOUTH CENTRAL:						
Arkansas.....	828	384	12	325	107	-----
Louisiana.....	727	-----	-----	-----	727	-----
Oklahoma.....	1,472	1,024	230	10	208	-----
Texas.....	8,095	195	6,651	726	523	6
MOUNTAIN:						
Montana.....	2,989	2,725	-----	264	-----	25
Idaho.....	628	237	212	77	102	-----
Wyoming.....	1,434	510	530	79	15	-----
Colorado.....	7,819	2,891	509	480	3,939	935
New Mexico.....	638	450	-----	-----	188	-----
Arizona.....	66	-----	-----	-----	66	-----
Utah.....	589	-----	199	381	9	-----
Nevada.....	100	-----	-----	-----	100	-----
PACIFIC:						
Washington.....	18,986	8,563	9,234	815	374	-----
Oregon.....	1,996	187	1,581	104	124	-----
California.....	23,349	9,429	3,099	4,150	6,671	-----

DIAGRAM 12.—STOCKS OF RYE REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

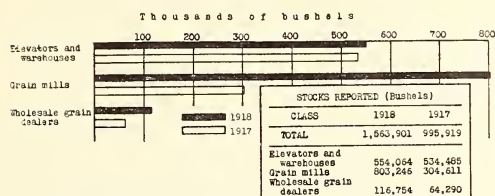


Table 16.—Comparative figures for rye—combined stocks of storage concerns, manufacturers, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Bushels. 1,563,901	Bushels. 995,919
United States		
GEOGRAPHIC DIVISIONS:		
New England.....	48,900	9,686
Middle Atlantic.....	336,575	128,239
East North Central.....	511,240	174,054
West North Central.....	506,199	200,159
South Atlantic.....	64,638	339,339
East South Central.....	42,256	108,940
West South Central.....	10,184	8,250
Mountain.....	10,506	9,522
Pacific.....	37,373	17,730
NEW ENGLAND:		
Maine.....	4,688	8
New Hampshire.....	660	164
Vermont.....	280	546
Massachusetts.....	42,975	8,730
Rhode Island.....	144	170
Connecticut.....	153	68
MIDDLE ATLANTIC:		
New York.....	203,334	38,148
New Jersey.....	39,626	31,572
Pennsylvania.....	91,615	58,519
EAST NORTH CENTRAL:		
Ohio.....	101,618	34,303
Indiana.....	35,185	8,728
Illinois.....	104,587	45,033
Michigan.....	156,301	18,816
Wisconsin.....	113,549	67,174
WEST NORTH CENTRAL:		
Minnesota.....	366,060	111,549
Iowa.....	27,620	10,629
Missouri.....	24,802	10,464
North Dakota.....	29,528	33,073
South Dakota.....	15,422	14,520
Nebraska.....	19,448	16,605
Kansas.....	22,689	3,319
SOUTH ATLANTIC:		
Delaware.....	140	30
Maryland.....	58,689	336,074
District of Columbia.....		2
Virginia.....	1,242	1,084
West Virginia.....	1,578	370
North Carolina.....	678	272
South Carolina.....	148	15
Georgia.....	1,930	848
Florida.....	233	644
EAST SOUTH CENTRAL:		
Kentucky.....	4,037	2,914
Tennessee.....	37,940	105,864
Alabama.....	212	158
Mississippi.....	97	4
WEST SOUTH CENTRAL:		
Arkansas.....	742	312
Louisiana.....	727	294
Oklahoma.....	1,172	193
Texas.....	7,543	7,451
MOUNTAIN:		
Montana.....	2,493	5,499
Idaho.....	464	33
Wyoming.....	834	836
Colorado.....	5,698	3,315
New Mexico.....	452	
Arizona.....	66	147
Utah.....	499	22
Nevada.....		120
PACIFIC:		
Washington.....	9,129	6,009
Oregon.....	1,709	3,940
California.....	22,535	7,781

COMMERCIAL STOCKS OF BARLEY FLOUR

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of barley flour, not including retail stocks, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, amounted to 863,655 barrels, comprising 820,886 barrels on hand and 47,769 barrels in transit. Of the stocks reported as on hand, the grain mills held 11.1 per cent; the warehouses, 34.0 per cent; the wholesale dealers, 27.7 per cent; the bakers, 25.0 per cent; and the miscellaneous group of firms, 2.2 per cent. The stocks reported by each of these classes of concerns are shown in the first column of Table 17, and the stocks in transit in the last column. The relative quantities held by the above-mentioned classes are represented in graphic form in Diagram 13.

The number of schedules received and tabulated for barley flour is shown, by classes of business, in Table 19.

Table 17.—Stocks of barley flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total-----	Barrels. 820,886	Barrels. 374,269	2238.4	Barrels, 16,721	Barrels, 47,769
Grain mills-----	91,465	58,451	4345.8	1,345	22,720
Storage warehouses-----	279,385	132,053	1177.2	11,218	12,116
Elevators and grain warehouses-----	68,091	46,116	3180.1	145	11,132
General warehouses-----	211,294	85,937	776.1	11,073	984
Wholesale dealers-----	226,988	120,579	11031.9	1,093	6,656
Wholesale grain and flour dealers-----	49,740	23,613	5962.9	396	2,077
Wholesale grocers-----	173,105	94,632	13916.5	680	3,529
Other wholesale dealers-----	4,143	2,334	13729.4	17	1,050
Bakers-----	205,270	48,370	2410.1	2,007	5,144
Miscellaneous-----	17,778	14,816	1400.4	1,058	1,133
Cereal food manu- facturers-----	13,849	12,094	1207.0	1,002	1,133
Other miscellaneous-----	3,929	2,722	4860.7	56	

DIAGRAM 13.—DISTRIBUTION OF TOTAL STOCKS OF BARLEY FLOUR REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

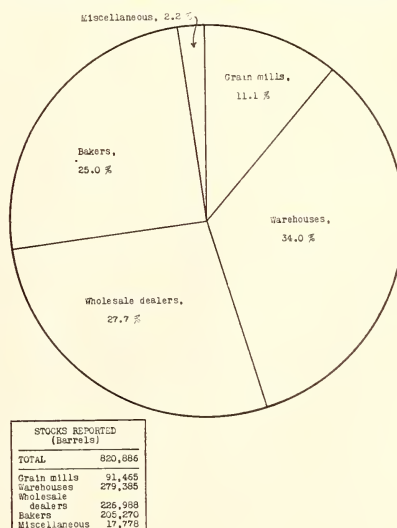


Table 18.—Stocks of barley flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	STORAGE WAREHOUSES.			WHOLESALE DEALERS.				Bakers.	Miscella- neous.	Quantity reported as in transit on July 1, 1918.	
		Grain mills.	Total.	Elevators and grain ware- houses.	General ware- houses.	Total.	Whole- sale grain and flour dealers.	Whole- sale grocers.				Other wholesale dealers.
United States.....	Barrels. 820,886	Barrels. 91,465	Barrels. 279,385	Barrels. 68,091	Barrels. 211,294	Barrels. 226,988	Barrels. 49,740	Barrels. 173,105	Barrels. 4,143	Barrels. 205,270	Barrels. 17,778	Barrels. 47,769
GEOGRAPHIC DIVISIONS:												
New England.....	59,423	2,001	24,219	519	23,700	16,934	5,026	10,905	1,003	16,118	151	1,225
Middle Atlantic.....	149,814	15,663	25,040	1,423	23,617	47,262	12,085	34,014	1,163	50,236	11,613	1,504
East North Central.....	228,682	26,596	87,689	18,919	68,770	49,350	13,502	34,953	895	61,301	3,746	11,971
West North Central.....	102,062	19,670	49,099	41,230	7,869	11,117	4,112	6,797	208	20,793	1,383	25,744
South Atlantic.....	77,574	1,782	53,703	19	53,684	13,477	1,253	11,869	355	8,252	360	257
East South Central.....	26,300	2,886	2,886	-----	2,886	3,020	553	2,422	45	19,548	-----	49
West South Central.....	56,280	2,135	7,264	67	7,197	39,164	494	38,664	6	7,650	67	4,666
Mountain.....	43,652	2,798	4,833	3,196	1,637	30,350	4,423	25,598	329	5,667	4	785
Pacific.....	77,099	19,974	24,652	2,718	21,934	16,314	8,292	7,883	139	15,705	454	1,478
NEW ENGLAND:												
Maine.....	4,539	254	1,041	5	1,036	2,528	1,198	1,328	2	708	8	165
New Hampshire.....	2,781	148	329	329	-----	1,841	43	1,748	50	441	22	46
Vermont.....	2,067	22	7	7	-----	1,009	532	477	-----	1,027	2	21
Massachusetts.....	35,252	1,309	21,222	149	21,073	5,925	1,676	4,134	155	6,699	97	539
Rhode Island.....	3,240	268	1,459	25	1,434	1,096	41	646	409	401	16	4
Connecticut.....	11,544	-----	161	4	157	4,535	1,536	2,572	427	6,842	6	450
MIDDLE ATLANTIC:												
New York.....	74,576	7,038	14,378	910	13,468	20,617	4,494	15,736	387	21,470	11,073	589
New Jersey.....	12,469	373	1,129	9	1,120	8,716	1,661	6,997	458	2,193	58	-----
Pennsylvania.....	62,769	8,252	9,533	504	9,029	17,929	5,930	11,681	318	26,573	482	1,005
EAST NORTH CENTRAL:												
Ohio.....	52,949	12,628	8,965	1,603	7,362	11,285	2,961	8,305	19	18,892	1,179	2,214
Indiana.....	10,500	973	1,411	388	1,023	2,400	688	1,474	238	5,662	54	2,335
Illinois.....	44,361	4,638	12,630	1,708	10,922	13,154	3,236	9,643	275	13,508	431	835
Michigan.....	46,855	5,104	12,122	11,717	405	9,056	3,252	5,518	286	18,943	1,630	1,656
Wisconsin.....	74,017	3,253	52,561	3,503	49,058	13,455	3,365	10,013	77	4,296	452	4,931
WEST NORTH CENTRAL:												
Minnesota.....	17,700	7,746	6,601	6,432	169	765	445	318	2	1,344	1,244	20,685
Iowa.....	47,892	3,150	32,543	30,183	2,360	6,476	2,614	3,673	189	5,671	52	125
Missouri.....	22,123	5,144	2,806	18	2,788	1,547	933	612	2	12,547	79	2,494
North Dakota.....	3,126	943	1,668	1,668	-----	512	20	492	-----	3	-----	39
South Dakota.....	3,704	974	2,487	2,487	-----	112	43	65	4	123	8	3
Nebraska.....	5,468	1,302	2,091	263	1,828	1,177	41	1,126	10	898	-----	22
Kansas.....	2,049	411	903	179	724	528	16	511	1	207	-----	2,376
SOUTH ATLANTIC:												
Delaware.....	192	-----	-----	-----	-----	147	147	-----	-----	45	-----	-----
Maryland.....	6,193	341	2,949	2	2,947	1,069	175	892	2	1,811	23	9
District of Columbia.....	1,927	-----	739	17	722	167	137	30	-----	1,021	-----	-----
Virginia.....	3,312	656	222	-----	222	752	42	695	15	1,345	337	40
West Virginia.....	4,081	780	96	-----	96	2,385	118	2,267	-----	820	-----	136
North Carolina.....	1,233	4	-----	-----	-----	830	565	92	173	399	-----	30
South Carolina.....	590	-----	85	-----	85	465	16	449	-----	40	-----	1
Georgia.....	51,357	1	49,600	-----	49,600	784	10	614	160	972	-----	10
Florida.....	8,689	-----	12	-----	12	6,878	43	6,830	5	1,799	-----	31
EAST SOUTH CENTRAL:												
Kentucky.....	18,390	307	-----	-----	-----	805	1	804	-----	17,278	-----	5
Tennessee.....	6,136	390	2,886	-----	2,886	1,449	452	997	-----	1,411	-----	15
Alabama.....	1,297	149	-----	-----	-----	462	34	403	25	686	-----	17
Mississippi.....	477	-----	-----	-----	-----	304	66	218	20	173	-----	12
WEST SOUTH CENTRAL:												
Arkansas.....	12,434	-----	-----	-----	-----	12,158	10	12,148	-----	276	-----	16
Louisiana.....	8,208	101	1,323	-----	1,323	5,191	475	4,716	-----	1,528	65	4,614
Oklahoma.....	2,761	1,534	56	56	-----	126	1	119	6	1,045	-----	36
Texas.....	32,877	500	5,885	11	5,874	21,689	8	21,681	-----	4,801	2	-----
MOUNTAIN:												
Montana.....	24,428	828	767	530	237	21,311	3,160	18,151	-----	1,520	2	728
Idaho.....	3,683	604	1,497	1,495	2	1,504	63	1,439	2	78	-----	20
Wyoming.....	807	5	-----	-----	-----	773	22	751	-----	29	-----	10
Colorado.....	6,067	869	490	469	21	2,777	1,008	1,764	5	1,930	1	17
New Mexico.....	1,762	1	-----	-----	-----	778	-----	777	1	983	-----	3
Arizona.....	2,888	144	-----	-----	-----	2,579	-----	2,574	5	164	1	5
Utah.....	2,550	103	1,250	2	1,257	413	149	98	166	775	-----	2
Nevada.....	1,467	245	819	700	119	215	21	44	150	188	-----	-----
PACIFIC:												
Washington.....	15,812	7,245	3,791	2,373	1,418	3,061	1,459	1,571	31	1,687	28	802
Oregon.....	9,965	4,338	289	176	113	3,577	115	3,442	20	1,595	166	43
California.....	51,322	8,391	20,572	169	20,403	9,676	6,718	2,870	88	12,423	260	633

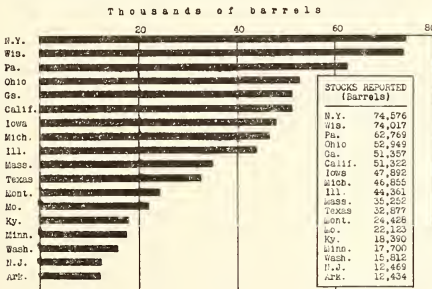
Table 19.—Number of firms (manufacturers, storage houses and wholesale dealers) reporting barley flour.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	7,087	3,022
Grain mills.....	794	373
Storage warehouses.....	1,243	497
Elevators and grain warehouses.....	4,077	427
General warehouses.....	166	70
Wholesale dealers.....	2,274	1,236
Wholesale grain and flour dealers.....	753	360
Wholesale grocers.....	1,425	818
Other wholesale dealers.....	96	58
Bakers.....	2,637	860
Miscellaneous.....	139	56
Cereal food manufacturers.....	35	15
Other miscellaneous.....	104	41

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of barley flour reported is shown, by classes of business, in Table 18. The East North Central division ranked first in stocks reported, the Middle Atlantic division second, and the West North Central division third. Turning to the figures for the individual states, it will be seen that New York ranked first and Wisconsin second, the holdings of these two states being very nearly equal in amount. Pennsylvania ranked third, and Ohio fourth. The stocks of barley flour reported for the eighteen most important states are represented in graphic form in Diagram 14. The geographic distribution of the quantities reported as in transit may be found in the last column of Table 18.

Diagram 14.—Stocks of Barley Flour Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

Only about one-half of the returns for barley flour, based on the quantity reported, gave information for July 1, 1917, as well as for the date of the Survey. Comparative figures based on these two-year reports are given by classes of business in Table 17, and by geographic divisions and states in Table 20. These figures indicate that while the stocks of barley flour on July 1, 1918, were by no means large in comparison with the stocks of other kinds of flour, they were strikingly large as compared with the holdings of barley flour on July 1, 1917, the stocks on the date of the Survey being twenty-one times as large as those on the earlier date. The relative importance of the current stocks as compared with those of a year ago is indicated by Diagram 15, which represents in graphic form the stocks on the two dates above mentioned for each class of concerns except the miscellaneous group.

Diagram 15.—Stocks of Barley Flour Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

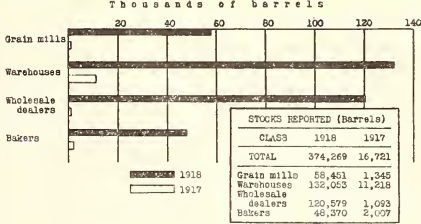


Table 20.—Comparative figures for barley flour—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States.....	Barrels, 374,269	Barrels, 16,721
Geographic Divisions:		
New England.....	14,826	227
Middle Atlantic.....	72,824	11,965
East North Central.....	73,296	1,243
West North Central.....	61,847	1,063
South Atlantic.....	65,682	971
West South Central.....	23,823	840
Mountain.....	26,963	51
Pacific.....	30,848	361
New England:		
Maine.....	1,734	17
New Hampshire.....	1,290	1
Vermont.....	1,448	2
Massachusetts.....	5,217	107
Rhode Island.....	463	39
Connecticut.....	4,674	61
Middle Atlantic:		
New York.....	37,183	11,696
New Jersey.....	2,136	9
Pennsylvania.....	32,705	260
East North Central:		
Ohio.....	21,490	108
Indiana.....	2,851	53
Illinois.....	18,462	454
Michigan.....	18,673	117
Wisconsin.....	11,820	511
West North Central:		
Minnesota.....	6,485	679
Iowa.....	37,843	162
Missouri.....	9,874	28
North Dakota.....	966	20
South Dakota.....	998	45
Nebraska.....	4,401	124
Kansas.....	1,277	5
South Atlantic:		
Delaware.....	119	8
Kentucky.....	3,474	505
District of Columbia.....	505	945
Virginia.....	1,368	2,703
West Virginia.....	2,703	18
North Carolina.....	369	328
South Carolina.....	528	50,437
Georgia.....	50,437	6,179
Florida.....	6,179	
East South Central:		
Kentucky.....	1,244	
Tennessee.....	1,925	
Alabama.....	657	
Mississippi.....	334	
West South Central:		
Arkansas.....	12,381	600
Louisiana.....	2,680	1,076
Oklahoma.....	1,076	200
Texas.....	7,686	40
Mountain:		
Montana.....	18,823	28
Idaho.....	1,635	
Wyoming.....	528	
Colorado.....	2,195	9
New Mexico.....	532	
Arizona.....	2,276	14
Utah.....	577	
Nevada.....	397	
Pacific:		
Washington.....	10,724	17
Oregon.....	4,101	39
California.....	16,023	305

COMMERCIAL STOCKS OF RYE FLOUR NOT INCLUDING RETAIL STOCKS.

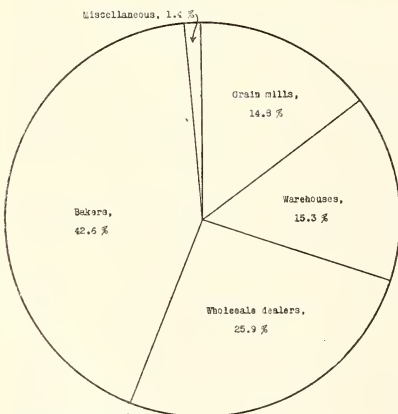
The commercial stocks of rye flour, omitting retail stocks, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, amounted to 1,074,751 barrels. Of this amount, 1,007,589 barrels were reported as on hand and 67,162 barrels as in transit. Of the stocks reported as on hand, the grain mills held 14.8 per cent; the warehouses, 15.3 per cent; the wholesale dealers, 25.9 per cent; the bakers, 42.6 per cent; and the miscellaneous group of concerns, 1.4 per cent. The quantities reported as on hand are shown by classes of business in the first column of Table 21, while the quantities reported as in transit are similarly shown in the last column of the table. The relative stocks of the different classes of concerns here considered are represented in graphic form in Diagram 16.

The number of schedules received and tabulated for rye flour is shown, by classes of business, in Table 22.

Table 21.—Stocks of rye flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.			
Total-----	Barrels. 1,007,589	Barrels. 653,159	349.4	Barrels. 186,928	Barrels. 67,162	
Grain mills-----	148,814	120,270	329.9	36,447	38,150	
Storage warehouses-----	154,026	66,714	521.1	12,802	11,242	
<i>Elevators and grain</i>						
<i>warehouses-----</i>	16,722	9,813	250.4	3,919	9,921	
<i>General warehouses-----</i>	137,304	56,901	640.6	8,883	1,321	
Wholesale dealers-----	260,616	177,467	274.1	64,742	15,271	
<i>Wholesale grain and</i>						
<i>flour dealers-----</i>	87,554	68,113	166.9	40,799	12,350	
<i>Wholesale grocers-----</i>	144,182	86,336	512.4	16,850	2,904	
<i>Other wholesale</i>						
<i>dealers-----</i>	28,880	23,018	324.5	7,093	17	
Bakers-----	429,376	275,676	397.4	69,361	1,547	
Miscellaneous-----	14,757	13,032	364.5	3,576	952	
<i>Cereal food manu-</i>						
<i>facturers-----</i>	11,655	10,734	499.7	2,146	819	
<i>Other miscellaneous-----</i>	3,102	2,308	161.4	1,430	133	

Diagram 16.—Distribution of Total Stocks of RYE FLOUR REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.



STOCKS REPORTED (Barrels)		
TOTAL	1,007,589	
Grain mills	148,814	
Warehouses	154,026	
Wholesale dealers	260,616	
Bakers	429,376	
Miscellaneous	14,757	

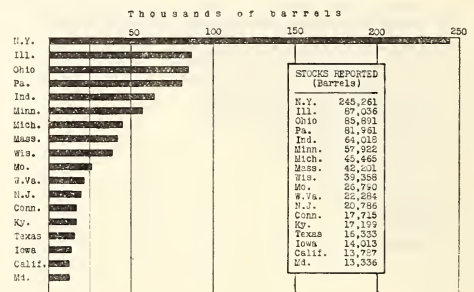
Table 22.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting rye flour.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	7,685	5,113
Grain mills.....	1,043	677
Storage warehouses.....	1,095	623
Elevators and grain warehouses.....	928	534
General warehouses.....	167	89
Wholesale dealers.....	2,280	1,541
Wholesale grain and flour dealers.....	814	532
Wholesale grocers.....	1,364	940
Other wholesale dealers.....	102	69
Bakers.....	3,173	2,211
Miscellaneous.....	94	61
Cereal food manufacturers.....	19	12
Other miscellaneous.....	75	49

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of rye flour, omitting retail stocks, is shown in Table 23. The Middle Atlantic division ranked first in stocks reported, the East North Central division second, and the West North Central division third. The figures for the individual states indicate that the large total reported from the Middle Atlantic division was mainly held in the state of New York, this state alone reporting nearly one-fourth of the total stocks for the entire country. Illinois ranked second in stocks reported, Ohio third, and Pennsylvania fourth. The stocks reported for the eighteen most important states are represented in graphic form in Diagram 17. The quantities of rye flour reported as in transit are shown by geographic divisions and states in the last column of Table 23.

Diagram 17.—STOCKS OF RYE FLOUR REPORTED BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

About two-thirds of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 21, and by geographic divisions and states in Table 24. These figures indicate very material increases in the stocks of this commodity as compared with similar stocks a year ago. The storage warehouses reported the largest percentage of increase among the different classes of business, their stocks on the date of the Survey being more than five times as large as on July 1, 1917. The total current stocks for all classes of concerns here considered were nearly three and one-half times as large as the stocks on hand one year earlier. These stocks on the two dates are shown graphically for the different classes of business in Diagram 18.

Table 23.—Stocks of rye flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	STORAGE WAREHOUSES.				WHOLESALE DEALERS.						Quantity reported as in transit on July 1, 1918.
		Grain mills.		Elevators and grain ware- houses.	General ware- houses.	Total.	Whole- sale grain and flour dealers.	Whole- sale grocers.	Other wholesale dealers.	Bakers.	Miscella- neous.	
United States.....	Barrels. 1,007,589	Barrels. 148,814	Barrels. 154,026	Barrels. 16,722	Barrels. 137,304	Barrels. 260,616	Barrels. 87,554	Barrels. 144,182	Barrels. 28,880	Barrels. 429,376	Barrels. 14,757	Barrels. 67,162
GEOGRAPHIC DIVISIONS:												
New England.....	75,000	1,946	14,389	580	13,809	23,471	8,323	13,653	1,495	34,969	225	396
Middle Atlantic.....	348,008	22,721	32,838	835	32,003	67,056	38,830	23,990	4,236	214,720	10,673	9,552
East North Central.....	321,768	63,654	58,921	7,928	50,993	89,841	19,191	49,587	21,063	107,474	1,878	15,256
West North Central.....	117,188	47,902	29,941	6,076	23,865	14,976	7,985	6,674	317	23,507	802	38,886
South Atlantic.....	56,451	4,914	6,461	24	6,437	15,017	2,393	11,753	871	29,042	1,017	847
East South Central.....	22,987	677	284	-----	284	20,147	2,966	16,835	346	1,879	-----	179
West South Central.....	27,859	2,840	3,288	362	2,926	11,541	884	10,170	487	10,153	37	1,647
Mountain.....	18,797	1,578	1,406	820	586	12,748	2,606	10,115	27	3,063	2	300
Pacific.....	19,531	2,582	6,498	97	6,401	5,819	4,376	1,405	38	4,569	63	99
NEW ENGLAND:												
Maine.....	6,709	3	2,029	5	2,024	2,770	1,369	1,399	2	1,901	6	15
New Hampshire.....	3,964	320	15	15	-----	3,401	73	3,328	-----	228	-----	8
Vermont.....	1,202	130	21	13	8	422	162	260	-----	628	-----	6
Massachusetts.....	42,201	1,490	9,526	520	9,006	7,033	2,647	4,143	243	23,934	218	14
Rhode Island.....	3,209	3	1,772	25	1,747	629	72	524	33	805	-----	1
Connecticut.....	17,715	-----	1,026	2	1,024	9,216	4,000	3,999	1,217	7,473	-----	352
MIDDLE ATLANTIC:												
New York.....	245,261	11,361	24,393	382	24,011	33,920	23,009	10,604	307	167,401	8,186	4,441
New Jersey.....	20,786	484	802	29	773	10,339	2,602	4,591	3,146	8,101	860	361
Pennsylvania.....	81,961	10,676	7,643	424	7,219	22,797	13,219	8,795	783	39,218	1,627	4,750
EAST NORTH CENTRAL:												
Ohio.....	85,891	13,431	15,283	642	14,641	8,499	4,463	3,897	139	47,498	1,080	1,982
Indiana.....	64,018	4,175	1,180	443	737	50,176	979	28,384	20,813	8,487	-----	797
Illinois.....	87,036	18,852	31,332	3,253	28,079	14,684	5,888	8,766	30	21,915	243	4,037
Michigan.....	45,465	11,698	1,564	1,300	264	11,616	3,700	7,845	71	20,179	408	2,840
Wisconsin.....	39,358	15,388	9,562	2,290	7,272	4,866	4,161	695	10	9,395	147	5,600
WEST NORTH CENTRAL:												
Minnesota.....	57,922	36,145	17,786	1,994	15,792	1,795	716	1,055	24	1,910	286	32,115
Iowa.....	14,013	2,443	1,461	1,002	459	5,029	1,730	3,133	166	5,079	1	100
Missouri.....	26,790	1,902	4,973	49	4,924	5,098	3,580	1,414	104	14,260	557	6,333
North Dakota.....	4,782	3,859	683	683	-----	238	54	184	-----	2	-----	214
South Dakota.....	2,276	1,519	1,519	1,519	-----	67	34	30	3	16	18	2
Nebraska.....	6,512	1,395	1,688	563	1,125	1,675	1,175	493	7	1,754	-----	92
Kansas.....	4,893	1,321	1,831	266	1,565	1,074	696	365	13	486	-----	10
SOUTH ATLANTIC:												
Delaware.....	1,167	-----	-----	-----	-----	352	348	4	-----	815	-----	-----
Maryland.....	13,536	1,29	5,201	-----	5,201	4,138	1,686	2,452	-----	2,515	53	350
District of Columbia.....	4,112	-----	772	4	768	114	4	110	-----	2,226	-----	-----
Virginia.....	6,680	901	220	-----	220	2,153	41	1,484	628	3,406	-----	9
West Virginia.....	22,284	1,91	138	20	118	4,414	129	4,283	2	16,541	-----	180
North Carolina.....	1,708	24	-----	-----	-----	789	11	570	208	195	-----	147
South Carolina.....	1,135	75	32	-----	32	664	35	604	25	164	-----	26
Georgia.....	3,686	94	60	-----	60	1,379	125	1,246	8	893	960	129
Florida.....	2,343	-----	38	-----	38	1,014	14	1,000	-----	1,287	4	6
EAST SOUTH CENTRAL:												
Kentucky.....	17,199	33	184	-----	184	16,087	1,271	14,816	-----	595	-----	20
Tennessee.....	2,600	25	-----	-----	-----	1,730	512	920	318	825	-----	84
Alabama.....	2,497	48	100	-----	100	1,870	1,182	662	26	379	-----	69
Mississippi.....	691	71	-----	-----	-----	440	1	437	2	80	-----	6
WEST SOUTH CENTRAL:												
Arkansas.....	835	3	-----	-----	-----	714	216	497	1	118	-----	3
Louisiana.....	9,421	25	1,978	-----	1,978	6,182	537	5,208	437	933	3	451
Oklahoma.....	1,270	57	216	214	2	152	108	44	-----	445	-----	1,008
Texas.....	16,333	2,55	1,094	148	946	4,493	23	4,421	49	8,657	34	185
MOUNTAIN:												
Montana.....	8,343	28	339	317	22	5,789	1,326	4,444	19	1,586	1	274
Idaho.....	354	15	65	65	-----	252	17	234	1	22	-----	-----
Wyoming.....	124	37	-----	-----	-----	44	9	35	-----	43	-----	-----
Colorado.....	7,566	20	375	373	2	5,650	739	4,904	7	721	-----	25
New Mexico.....	237	-----	15	15	-----	205	-----	205	-----	17	-----	-----
Arizona.....	293	-----	-----	-----	-----	244	-----	244	-----	48	1	-----
Utah.....	1,448	78	562	-----	562	187	146	41	-----	621	-----	1
Nevada.....	432	-----	50	50	-----	377	369	8	-----	5	-----	-----
PACIFIC:												
Washington.....	4,692	406	1,793	78	1,715	1,618	955	661	2	767	8	25
Oregon.....	1,052	10	100	1	99	123	25	83	15	719	-----	35
California.....	13,787	1,966	4,605	18	4,587	4,078	3,396	661	21	3,083	55	39

DIAGRAM 18.—STOCKS OF RYE FLOUR REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

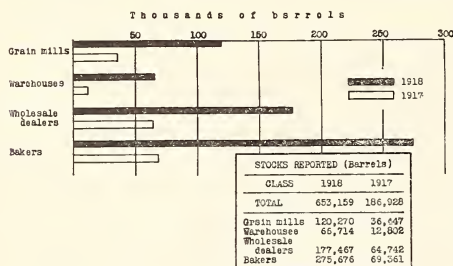


Table 24.—Comparative figures for rye flour—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.		Stocks reported for July 1, 1917.	
	Barrels.	186,359	Barrels.	186,359
United States.....				
GEOGRAPHIC DIVISIONS:				
New England.....	33,744		14,661	
Middle Atlantic.....	261,841		62,238	
East North Central.....	190,056		60,826	
West North Central.....	76,969		21,768	
South Atlantic.....	27,514		4,390	
East South Central.....	18,727		1,027	
West South Central.....	13,300		2,625	
Mountain.....	15,415		5,793	
Pacific.....	15,293		7,600	
NEW ENGLAND:				
Maine.....	4,153		346	
New Hampshire.....	3,007		256	
Vermont.....	974		174	
Massachusetts.....	12,110		4,894	
Rhode Island.....	2,032		451	
Connecticut.....	11,468		8,576	
MIDDLE ATLANTIC:				
New York.....	194,353		45,307	
New Jersey.....	9,971		4,824	
Pennsylvania.....	57,517		12,107	
EAST NORTH CENTRAL:				
Ohio.....	64,416		13,972	
Indiana.....	31,443		8,231	
Illinois.....	47,658		28,055	
Michigan.....	24,107		5,891	
Wisconsin.....	22,432		10,677	
WEST NORTH CENTRAL:				
Minnesota.....	38,005		8,346	
Iowa.....	15,498		4,501	
Missouri.....	4,076		532	
North Dakota.....	410		99	
South Dakota.....	5,436		1,941	
Nebraska.....	4,085		768	
Kansas.....				
SOUTH ATLANTIC:				
Delaware.....	1,125		457	
Maryland.....	8,508		2,061	
District of Columbia.....	1,725		271	
Virginia.....	4,796		269	
West Virginia.....	5,828		971	
North Carolina.....	1,117		72	
South Carolina.....	823		5	
Georgia.....	2,780		133	
Florida.....	1,112		151	
EAST SOUTH CENTRAL:				
Kentucky.....	15,524		276	
Tennessee.....	1,710		563	
Alabama.....	1,072		10	
Mississippi.....	421			
WEST SOUTH CENTRAL:				
Arkansas.....	542		47	
Louisiana.....	2,873		141	
Oklahoma.....	604		433	
Texas.....	9,281		2,004	
MOUNTAIN:				
Montana.....	6,379		3,305	
Idaho.....	323		158	
Wyoming.....	73		53	
Colorado.....	7,043		1,488	
New Mexico.....	53		41	
Arizona.....	245		135	
Utah.....	892		591	
Nevada.....	377		19	
PACIFIC:				
Washington.....	4,201		2,105	
Oregon.....	558		1,208	
California.....	10,534		4,287	

COMMERCIAL STOCKS OF CORN FLOUR NOT INCLUDING RETAIL STOCKS.

The total quantity of corn flour reported in the Food Survey of July 1, 1918, by commercial concerns other than retail dealers, together with the quantities in transit, amounted to 104,541,745 pounds. Of this total, 94,746,261 pounds were reported as on hand and 9,795,484 pounds as in transit. Of the stocks on hand, the grain mills held 25.0 per cent; the warehouses, 11.5 per cent; the wholesale dealers, 29.4 per cent; the bakers, 31.6 per cent; and the miscellaneous group of firms, 2.5 per cent. The stocks actually reported by each of these classes of concerns are shown in the first column of Table 25, and the quantities in transit in the last column. The relative holdings of the different classes of business concerns here considered are represented graphically in Diagram 19.

The number of schedules received and tabulated for corn flour is shown, by classes of business, in Table 27.

Table 25.—Stocks of corn flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.	
Total.....	Pounds. 94,746,261	Pounds. 60,919,723	986.9	Pounds. 6,172,664	Pounds. 9,795,484	
Grain and flour mills.....	23,677,092	18,807,797	1020.1	1,843,737	7,033,288	
Storage warehouses.....	10,892,944	4,265,865	325.9	131,179	324,978	
<i>Elevators and grain</i> <i>warehouses.....</i>	2,000,520	913,837	1315.3	69,477	319,778	
<i>General warehouses.....</i>	8,892,424	3,352,028	543.6	61,702	5,200	
Wholesale dealers.....	27,813,111	19,131,519	1900.9	1,006,427	885,285	
<i>Wholesale grain and</i> <i>flour dealers.....</i>	10,536,328	7,331,581	3805.5	192,660	514,981	
<i>Wholesale grocers.....</i>	15,872,152	10,975,858	2055.6	533,953	325,024	
<i>Other wholesale</i> <i>dealers.....</i>	1,392,831	824,080	294.5	279,814	45,280	
Bakers.....	29,964,357	17,073,562	1238.1	1,378,997	282,715	
Miscellaneous.....	2,305,557	1,640,980	90.5	1,812,324	1,269,218	
<i>Cereal food manu-</i> <i>facturers.....</i>	1,293,366	686,078	54.4	1,262,137	1,258,814	
<i>Confectioners.....</i>	26,142	246,442	1305.8	18,865	4	
<i>Other miscellaneous.....</i>	81,049	708,460	133.3	531,322	10,400	

DIAGRAM 19.—DISTRIBUTION OF TOTAL STOCKS OF CORN FLOUR REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

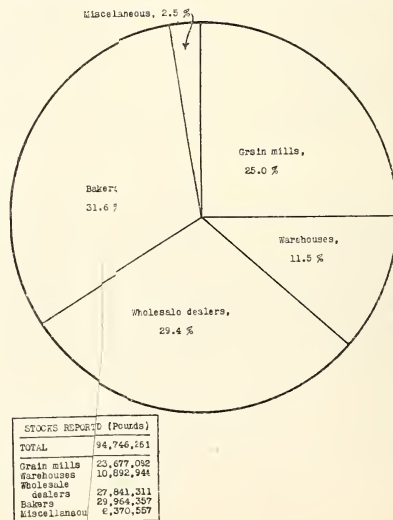


Table 26.—Stocks of corn flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	STORAGE WAREHOUSES.				WHOLESALE DEALERS.						Quantity reported as in transit on July 1, 1918.
		Grain mills.	Total.	Elevators and grain ware- houses.	General ware- houses.	Total.	Wholesale grain and flour dealers.	Wholesale grocers.	Other wholesale dealers.	Bakers.	Miscella- neous.	
United States.....	Pounds. 94,746,261	Pounds. 23,677,092	Pounds. 10,892,944	Pounds. 2,040,520	Pounds. 8,852,424	Pounds. 27,841,311	Pounds. 10,586,328	Pounds. 15,272,152	Pounds. 1,382,831	Pounds. 29,964,357	Pounds. 2,370,557	Pounds. 9,795,484
GEOGRAPHIC DIVISIONS:												
New England.....	11,199,723	2,234,303	1,796,271	88,456	1,707,815	3,340,463	673,901	2,390,847	275,715	3,517,745	310,941	143,391
Middle Atlantic.....	21,572,008	2,912,800	2,642,638	94,412	2,548,226	4,615,253	2,252,596	2,001,299	381,363	10,489,218	912,004	958,242
East North Central.....	25,840,394	7,593,895	2,726,763	872,315	1,854,448	7,487,289	3,521,834	3,801,080	164,375	7,511,378	521,069	2,621,831
West North Central.....	12,567,367	6,268,371	821,444	476,756	344,688	2,459,936	721,553	1,638,096	100,287	2,709,528	308,088	5,406,555
South Atlantic.....	5,430,719	1,277,726	516,945	65,751	451,194	1,680,352	205,159	1,284,673	190,520	1,751,381	204,315	102,170
East South Central.....	2,510,263	723,611	288,282	160,366	127,916	765,860	195,183	500,337	70,340	728,510	4,000	88,447
West South Central.....	5,077,343	329,532	648,487	132,497	515,990	2,651,280	852,231	1,755,662	33,387	1,194,106	53,798	415,436
Mountain.....	3,430,514	431,754	164,394	125,668	38,726	1,849,755	709,867	1,081,778	58,110	980,972	3,639	25,316
Pacific.....	7,117,930	1,704,960	1,287,720	24,299	1,263,421	2,991,118	1,474,004	1,408,380	108,734	1,081,429	52,703	34,096
NEW ENGLAND:												
Maine.....	1,117,280	443	585,800	200	585,600	343,769	151,383	192,383	3	181,168	6,100	2,600
New Hampshire.....	682,000	15,600	28,600	28,600	-----	425,226	5,900	418,526	800	210,974	1,600	11,430
Vermont.....	251,882	2,800	100	100	-----	90,639	16,333	70,306	3,500	158,543	-----	3,700
Massachusetts.....	6,467,784	1,981,860	441,218	59,156	382,062	1,536,291	281,279	1,004,080	250,932	2,209,033	299,382	113,536
Rhode Island.....	1,361,708	233,600	548,575	-----	548,575	271,286	61,816	208,755	1,215	307,272	975	525
Connecticut.....	1,319,099	-----	191,978	400	191,578	673,252	157,190	496,797	10,265	450,955	2,884	11,600
MIDDLE ATLANTIC:												
New York.....	11,628,125	1,346,630	1,508,265	24,573	1,483,692	2,623,010	1,486,228	849,447	287,335	5,725,798	421,422	816,321
New Jersey.....	1,935,414	44,188	47,278	1,260	46,018	330,763	160,481	110,618	59,644	1,056,132	457,053	60,592
Pennsylvania.....	8,008,469	1,522,072	1,087,095	68,579	1,018,516	1,661,485	585,887	1,043,234	34,384	3,707,288	30,529	81,329
EAST NORTH CENTRAL:												
Ohio.....	7,552,681	2,300,391	1,183,626	89,857	1,093,769	1,710,084	818,943	827,036	64,105	2,271,516	87,061	956,059
Indiana.....	2,922,136	1,105,086	404,405	126,843	277,562	619,412	138,368	427,094	8,950	781,833	11,400	36,052
Illinois.....	9,796,588	2,516,689	573,906	243,356	330,550	3,869,702	1,895,960	1,899,836	73,906	2,698,533	137,758	1,548,439
Michigan.....	3,253,920	837,190	182,831	136,959	45,872	784,262	364,702	409,110	10,450	1,241,336	188,311	10,710
Wisconsin.....	2,315,069	814,539	381,995	275,300	106,695	508,829	258,861	238,004	6,964	518,170	96,536	70,571
WEST NORTH CENTRAL:												
Minnesota.....	4,213,528	3,142,612	188,744	187,697	1,047	254,890	43,333	209,482	2,075	495,238	132,044	3,926,297
Iowa.....	1,883,691	304,225	90,015	63,040	36,975	735,161	163,640	541,952	29,569	715,620	38,670	1,105,440
Missouri.....	3,224,826	1,175,106	154,331	8,605	145,726	747,137	339,303	393,931	13,903	1,077,978	70,274	70,975
North Dakota.....	326,796	164,032	107,323	107,323	-----	11,228	286	10,942	-----	43,013	1,200	9,250
South Dakota.....	200,912	33,425	58,383	58,383	-----	87,629	8,240	79,385	4	9,725	11,750	205
Nebraska.....	1,221,549	312,952	24,483	43,543	160,940	345,365	35,848	294,611	14,906	317,589	41,160	121,505
Kansas.....	1,496,065	1,136,019	18,165	18,165	-----	278,526	130,903	107,793	39,830	50,565	12,990	172,915
SOUTH ATLANTIC:												
Delaware.....	370,912	-----	20,827	-----	-----	45,592	43,552	2,040	-----	325,320	-----	-----
Maryland.....	862,279	161,142	200,827	1	200,826	153,852	70,728	45,644	37,450	305,011	41,447	6,710
District of Columbia.....	220,463	-----	65,717	64,000	17,17	43,075	2,400	26,275	15,000	111,024	47	-----
Virginia.....	1,367,331	330,242	51,009	-----	51,009	207,465	26,600	167,660	13,205	566,174	162,441	200
West Virginia.....	1,452,029	718,482	23,412	1,750	21,662	425,582	33,600	391,682	300	288,193	-----	76,838
North Carolina.....	133,424	5,700	-----	-----	-----	114,425	13,679	38,746	62,000	13,299	-----	2,002
South Carolina.....	40,405	-----	28,980	-----	28,980	8,110	-----	7,375	800	3,520	-----	11,200
Georgia.....	315,214	15,800	136,000	-----	136,000	79,140	7,400	71,740	-----	84,274	-----	-----
Florida.....	668,662	-----	11,000	-----	11,000	602,446	7,200	533,511	61,735	54,836	380	5,320
EAST SOUTH CENTRAL:												
Kentucky.....	901,831	307,969	105,100	43,100	62,000	122,141	55,010	54,511	12,620	362,771	3,850	2,142
Tennessee.....	1,009,281	360,583	164,878	117,266	47,612	333,685	80,985	248,250	4,450	149,985	150	84,005
Alabama.....	408,756	37,359	18,304	-----	18,304	156,772	45,213	111,439	120	196,351	-----	2,300
Mississippi.....	190,365	17,700	-----	-----	-----	153,262	13,975	86,137	53,150	19,403	-----	-----
WEST SOUTH CENTRAL:												
Louisiana.....	284,800	12,300	-----	-----	-----	233,584	45,266	185,918	2,400	37,796	1,120	2,829
Oklahoma.....	1,840,205	121,600	334,260	-----	334,260	1,009,978	601,070	381,813	27,095	939,136	35,231	88,431
Texas.....	426,344	131,242	99,130	97,450	1,680	124,557	33,862	90,695	-----	71,415	-----	292,484
-----	2,525,994	264,440	215,097	35,047	180,050	1,283,161	172,033	1,107,236	3,892	745,849	17,447	31,692
MOUNTAIN:												
Montana.....	866,853	291,128	32,650	32,464	186	456,004	174,959	239,795	41,250	85,846	1,225	2,150
Idaho.....	208,127	8,974	9,965	9,965	-----	182,588	25,264	155,928	1,396	6,600	-----	-----
Wyoming.....	101,882	5,900	-----	-----	-----	83,198	3,353	79,720	125	12,784	-----	165
Colorado.....	934,245	36,197	64,639	58,739	5,900	470,051	305,750	155,521	8,780	361,144	2,214	12,826
New Mexico.....	505,713	7,975	1,440	400	1,040	181,683	177,677	4,106	-----	312,615	-----	6,175
Arizona.....	209,353	81,553	-----	-----	-----	115,155	-----	113,222	1,503	12,445	200	3,000
Utah.....	389,368	27	30,300	100	30,200	172,105	16,120	155,985	-----	186,936	-----	1,000
Nevada.....	216,973	-----	25,400	24,000	1,400	188,971	184,421	3,600	950	2,602	-----	-----
PACIFIC:												
Washington.....	1,795,645	439,861	29,403	3,921	25,482	1,116,865	198,385	820,763	97,717	203,994	5,522	11,000
Oregon.....	1,118,710	501,772	260,305	2,680	257,625	193,045	26,123	162,722	4,200	162,424	1,164	11,450
California.....	4,203,575	763,327	998,012	17,698	980,314	1,681,208	1,249,496	424,895	6,817	715,011	46,017	11,646

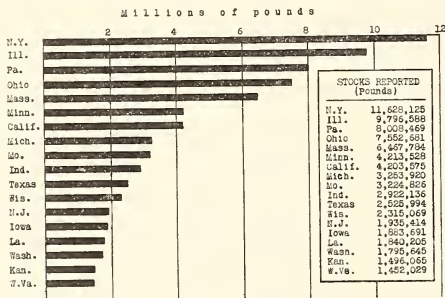
Table 27.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting corn flour.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	8,753	4,068
Grain and flour mills.....	941	493
Storage warehouses.....	1,261	499
Elevators and grain warehouses.....	1,102	433
General warehouses.....	159	66
Wholesale dealers.....	2,744	1,557
Wholesale grain and flour dealers.....	786	397
Wholesale grocers.....	1,748	1,038
Other wholesale dealers.....	210	132
Bakers.....	3,532	1,367
Miscellaneous.....	275	152
Cereal food manufacturers.....	76	46
Confectioners.....	89	49
Other miscellaneous.....	111	57

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of corn flour here considered is shown in Table 26. The table indicates that the East North Central division ranked first in holdings of corn flour reported, the Middle Atlantic division second, the West North Central division third, and the New England division fourth. Among the individual states, New York ranked first, Illinois second, Pennsylvania third, Ohio fourth, and Massachusetts fifth. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 20. The quantities reported as in transit are given by geographic divisions and states in the last column of Table 26.

Diagram 20.—Stocks of Corn Flour Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About 65 per cent of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 25, and by geographic divisions and states in Table 28. These figures indicate a very marked increase in the current stocks of corn flour reported by all classes of dealers as compared with the stocks on hand one year earlier. The total stocks on the date of the Survey were nearly ten times as large as those held by the same firms on July 1, 1917. The stocks on hand on the two dates are represented in graphic form for each class of business except the miscellaneous group in Diagram 21.

Diagram 21.—Stocks of Corn Flour Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

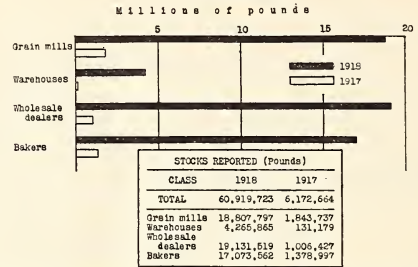


Table 28.—Comparative figures for corn flour—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Pounds.	Pounds.
United States.....	60,919,723	6,172,664
Geographic Divisions:		
New England.....	6,755,419	293,412
Middle Atlantic.....	13,092,282	2,142,495
East North Central.....	17,844,453	1,953,815
West North Central.....	7,879,959	832,824
South Atlantic.....	4,123,016	235,899
East South Central.....	1,781,655	85,987
West South Central.....	2,778,841	189,401
Mountain.....	1,865,700	337,406
Pacific.....	4,798,398	101,425
New England:		
Maine.....	150,188	3,690
New Hampshire.....	361,596	3,613
Vermont.....	137,607	
Massachusetts.....	4,605,490	221,130
Rhode Island.....	661,155	32,476
Connecticut.....	819,383	32,503
Middle Atlantic:		
New York.....	7,729,427	1,825,857
New Jersey.....	475,641	51,448
Pennsylvania.....	4,887,214	265,190
East North Central:		
Ohio.....	5,188,060	232,470
Indiana.....	1,800,740	670,671
Illinois.....	7,852,090	788,820
Michigan.....	1,980,161	183,628
Wisconsin.....	1,023,483	78,226
West North Central:		
Minnesota.....	2,731,797	250,781
Iowa.....	1,163,751	162,021
Missouri.....	2,107,256	53,807
North Dakota.....	204,617	340
South Dakota.....	70,888	30,707
Nebraska.....	760,821	30,342
Kansas.....	840,829	304,826
South Atlantic:		
Delaware.....	366,102	250
Maryland.....	616,849	117,130
District of Columbia.....	117,834	65,265
Virginia.....	929,633	24,084
West Virginia.....	1,226,353	19,201
North Carolina.....	40,646	4,700
South Carolina.....	35,455	700
Georgia.....	253,081	3,035
Florida.....	537,063	1,534
East South Central:		
Kentucky.....	758,897	62,858
Tennessee.....	638,266	1,300
Alabama.....	225,147	19,329
Mississippi.....	159,345	2,500
West South Central:		
Arkansas.....	223,795	
Louisiana.....	1,253,124	110,286
Oklahoma.....	161,809	2,842
Texas.....	1,140,113	76,273
Mountain:		
Montana.....	247,912	332
Idaho.....	142,362	1,100
Wyoming.....	32,187	
Colorado.....	755,740	339,554
New Mexico.....	440,296	20
Arizona.....	59,285	
Utah.....	183,408	2,400
Nevada.....	5,000	
Pacific:		
Washington.....	1,403,005	9,700
Oregon.....	263,243	8,100
California.....	3,132,150	83,625

COMMERCIAL STOCKS OF CORN MEAL
NOT INCLUDING RETAIL STOCKS.

The figures given here relate to corn meal of a quality suitable for human consumption, excluding any meal fit only for use as feed. The commercial stocks of such corn meal, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by classes of business other than retail dealers, amounted to 159,788,574 pounds. Of this amount, 137,582,089 pounds were reported as on hand, and 22,206,485 pounds as in transit. Of the stocks reported as on hand, the grain mills held 17.5 per cent; the warehouses, 14.4 per cent; the wholesale dealers, 49.0 per cent; the bakers, 7.8 per cent; and the miscellaneous group of firms, 11.3 per cent. The stocks actually reported by each of these classes of business concerns is shown in the first column of Table 29, and the quantity reported as in transit in the last column. The relative stocks reported by the different classes of firms are shown in graphic form in Diagram 22. The number of schedules received and tabulated for corn meal is shown, by classes of business, in Table 30.

Table 29.—Stocks of corn meal reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total -----	<i>Pounds.</i> 137,582,089	<i>Pounds.</i> 106,477,064	242.6	<i>Pounds.</i> 43,876,067	<i>Pounds.</i> 22,206,485
Grain mills-----	24,129,391	20,237,397	236.0	8,574,213	5,572,038
Storage warehouses-----	19,866,582	12,512,003	408.5	3,063,612	528,068
<i>Elevators and grain</i> <i>warehouses</i> -----	5,536,255	3,624,397	184.2	1,968,272	504,939
<i>General warehouses</i> -----	14,330,327	8,887,606	811.9	1,094,740	23,129
Wholesale dealers-----	67,310,565	53,956,761	224.9	23,991,305	2,038,037
<i>Wholesale grain and</i> <i>flour dealers</i> -----	19,459,311	15,457,071	318.5	4,853,179	774,127
<i>Wholesale grocers</i> -----	44,424,946	36,982,119	203.6	18,163,641	1,186,902
<i>Other wholesale</i> <i>dealers</i> -----	3,426,308	1,517,571	155.7	974,485	77,008
Bakers-----	10,750,372	4,782,078	1045.5	457,429	801
Miscellaneous-----	15,525,179	14,988,825	192.4	7,790,108	14,067,541
<i>Cereal food manu-</i> <i>facturers</i> -----	9,062,444	8,956,185	215.7	4,162,670	14,067,541
<i>Brewers</i> -----	3,729,209	3,578,409	114.9	3,113,477	-----
<i>Other miscellaneous</i> -----	2,733,526	2,454,231	477.5	513,961	-----

Diagram 22.—Distribution of Total Stocks of Corn Meal Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

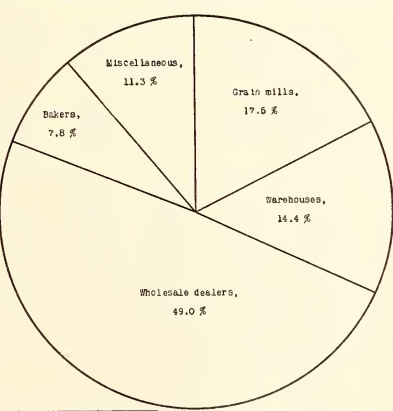


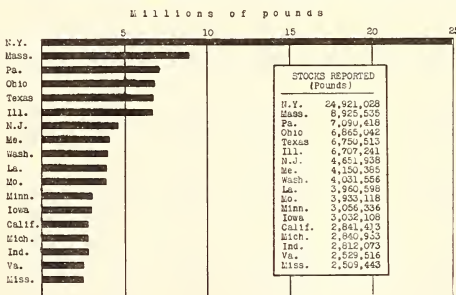
Table 30.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting corn meal.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total -----	11,177	7,505
Grain mills-----	2,450	1,665
Storage warehouses-----	2,137	1,280
Elevators and grain warehouses-----	1,941	1,162
General warehouses-----	196	118
Wholesale dealers-----	4,830	3,616
Wholesale grain and flour dealers-----	1,368	852
Wholesale grocers-----	3,286	2,580
Other wholesale dealers-----	276	184
Bakers-----	1,532	793
Miscellaneous-----	228	151
Cereal food manufacturers-----	55	38
Brewers-----	15	14
Other miscellaneous-----	158	99

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of corn meal reported by the various classes of business concerns, omitting retailers, is given in Table 31. The table indicates that more than one-fourth of the total stocks on hand in the entire country were reported from the states of the Middle Atlantic division. The East North Central division ranked second, the New England division third, and the West North Central division fourth. Turning to the figures for the individual states, it will be seen that the bulk of the stocks reported for the Middle Atlantic division were located in the state of New York, this state alone reporting nearly one-fifth of the United States total. Massachusetts ranked second among the individual states, Pennsylvania third, Ohio fourth, Texas fifth, and Illinois sixth. The holdings reported for the eighteen most important states are represented in graphic form in Diagram 23. The quantities reported as in transit are given by geographic divisions and states in the last column of Table 31.

Diagram 23.—Stocks of Corn Meal Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

Nearly four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 29, and by geographic divisions and states in Table 32. Every class of business concerns, it will be noticed, reported a material increase in stocks on hand for the date of the Survey as compared with those on hand July 1, 1917, the total stocks on the date of the Survey being equal to nearly two and one-half times those on hand one year earlier. The comparative holdings for the two dates are shown in graphic form, by classes of business, in Diagram 24.

Table 31.—Stocks of corn meal reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	STORAGE WAREHOUSES.				WHOLESALE DEALERS.				Bakers.	Miscellaneous.	Quantity reported as in transit on July 1, 1918.
		Grain mills.	Total.	Elevators and grain warehouses.	General warehouses.	Total.	Wholesale grain and flour dealers.	Wholesale grocers.	Other wholesale dealers.			
United States	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States	137,582,089	24,129,391	19,866,582	5,536,255	14,330,327	67,310,565	19,459,311	44,424,946	3,426,308	10,750,372	15,525,179	22,206,485
GEOGRAPHIC DIVS.:												
New England	20,255,513	448,190	6,033,039	179,342	5,853,697	11,628,780	3,004,061	8,299,181	325,538	1,600,452	545,052	63,528
Middle Atlantic	36,663,384	1,969,301	4,850,303	1,129,945	3,720,358	13,324,923	5,207,802	6,330,477	1,786,644	5,438,184	11,080,673	872,845
E. N. Central	21,928,175	7,196,499	2,313,852	896,121	1,417,731	8,291,715	2,670,478	5,485,885	135,352	1,917,752	1,308,357	7,144,484
W. N. Central	13,932,082	5,346,858	2,604,046	1,673,507	990,539	3,339,445	1,713,134	1,588,738	37,573	613,176	1,968,557	10,566,734
South Atlantic	11,420,143	1,762,838	1,004,804	166,962	897,842	7,713,503	1,132,766	6,083,412	497,325	390,826	497,172	1,589,457
E. S. Central	6,962,778	1,696,068	325,039	165,306	159,733	4,863,546	724,470	3,916,247	222,829	66,081	11,444	710,347
W. S. Central	13,485,797	2,204,497	1,194,599	763,872	430,727	9,649,596	2,330,927	7,140,969	177,700	412,735	24,370	1,150,148
Mountain	5,156,627	800,467	567,982	461,530	106,452	3,552,990	902,069	2,511,201	139,720	179,557	55,631	46,592
Pacific	8,668,590	2,704,073	852,918	99,670	753,248	4,946,067	1,773,604	3,068,836	103,627	131,609	33,923	62,350
NEW ENGLAND:												
Maine	4,150,385	18,640	2,460,600	1,000	2,459,600	1,531,191	438,713	1,092,273	205	138,284	1,670	11,112
New Hampshire	1,548,297	23,700	30,800	30,800	-----	1,477,031	30,700	1,446,331	-----	16,766	-----	4,331
Vermont	1,372,077	244,450	1,786	500	986	1,070,892	542,773	523,941	4,178	28,669	26,280	4,060
Massachusetts	8,925,535	161,000	2,376,273	100,482	2,275,791	5,116,236	1,352,973	3,463,168	300,095	890,224	381,802	41,825
Rhode Island	1,876,058	400	927,910	46,060	881,850	925,736	130,000	775,973	19,763	22,012	-----	1,000
Connecticut	2,383,161	-----	235,670	200	235,470	1,507,994	508,902	997,495	1,297	504,497	135,300	1,200
MIDDLE ATLANTIC:												
New York	24,921,028	1,508,955	3,362,033	1,094,985	2,267,048	8,610,268	3,843,931	3,258,324	1,512,773	3,135,972	8,299,040	626,959
New Jersey	4,651,938	27,819	200,700	10,400	190,300	1,145,025	346,552	628,617	109,096	638,729	2,044,425	500
Pennsylvania	7,090,418	432,527	1,287,570	24,560	1,263,010	3,569,630	1,017,319	2,447,536	104,775	1,963,483	137,208	245,386
E. N. CENTRAL:												
Ohio	6,865,042	2,398,338	599,552	148,101	451,451	2,083,832	736,008	1,305,669	42,155	1,041,025	742,295	6,117,236
Indiana	2,812,073	2,013,901	233,890	155,848	78,042	442,576	165,017	270,109	7,450	84,986	36,720	571,066
Illinois	6,707,241	1,354,583	1,095,208	309,264	785,944	3,541,517	1,330,202	2,140,788	70,527	223,848	492,085	358,414
Michigan	2,840,933	582,857	184,417	159,987	24,430	1,668,787	279,569	1,376,870	12,348	392,825	12,047	30,338
Wisconsin	1,802,886	846,820	200,785	122,921	77,864	555,003	159,682	392,449	2,872	175,068	25,210	66,830
W. N. CENTRAL:												
Minnesota	3,056,336	1,369,875	637,368	200,323	437,045	646,475	251,482	392,036	2,957	196,621	205,997	110,948
Iowa	3,032,108	447,461	132,071	75,243	56,826	747,466	338,616	404,043	4,807	115,045	1,590,065	8,338,173
Missouri	3,933,118	1,313,567	1,348,900	887,012	461,888	998,422	713,921	273,064	11,437	220,567	51,662	628,129
North Dakota	554,493	232,306	173,368	173,368	-----	148,219	9,578	138,641	-----	400	200	12,065
South Dakota	311,661	61,269	93,540	93,540	-----	153,462	4,025	148,552	-----	315	3,075	3
Nebraska	1,097,017	769,571	66,486	66,486	-----	187,346	74,317	111,929	1,100	73,614	-----	546,900
Kansas	1,947,349	1,152,809	212,313	177,533	34,780	458,055	321,195	120,473	16,387	6,614	117,558	937,353
SOUTH ATLANTIC:												
Delaware	224,029	8,880	2,000	2,000	-----	37,367	12,609	24,758	-----	175,782	-----	40
Maryland	1,488,961	214,965	612,026	4,280	607,746	590,089	127,254	458,665	5,070	55,441	15,540	35,370
Dist. of Columbia	294,294	-----	74,956	7,200	67,756	128,068	20,650	107,411	7	61,270	-----	-----
Virginia	2,529,516	662,803	127,072	115,432	11,640	1,229,010	478,386	612,724	137,900	32,249	478,382	651,720
West Virginia	1,252,779	254,096	15,525	2,525	13,000	949,887	51,628	894,779	2,980	33,771	-----	132,575
North Carolina	809,964	296,221	-----	-----	-----	505,650	48,276	450,278	7,096	7,527	566	32,688
South Carolina	1,512,303	17,855	80,000	-----	80,000	1,212,986	153,158	807,764	252,064	1,372	60	61,656
Georgia	1,878,020	294,824	145,049	35,525	109,524	1,425,108	113,413	1,294,399	17,296	11,939	1,100	570,668
Florida	1,669,277	13,164	8,176	-----	8,176	1,634,938	127,392	1,432,634	74,912	11,475	1,524	84,740
E. S. CENTRAL:												
Kentucky	1,110,667	617,650	18,065	18,065	-----	440,241	189,781	206,006	44,454	32,073	2,638	94,040
Tennessee	1,824,233	875,521	219,524	59,791	159,733	715,153	48,666	664,812	11,675	11,769	2,266	506,905
Alabama	1,518,435	178,199	87,450	87,450	-----	1,224,007	251,415	971,414	1,178	22,239	6,540	60,276
Mississippi	2,509,443	25,298	-----	-----	-----	2,484,145	234,608	2,084,015	165,522	-----	-----	49,126
W. S. CENTRAL:												
Arkansas	1,764,833	189,895	145,263	145,263	-----	1,423,917	257,660	1,160,617	5,640	5,038	720	406,003
Louisiana	3,960,598	200	412,706	-----	412,706	3,467,113	676,625	2,641,757	148,731	73,605	6,974	54,412
Oklahoma	1,009,853	168,871	260,434	258,788	1,646	572,759	353,223	217,746	1,790	7,289	500	84,250
Texas	6,750,513	1,845,531	376,196	359,821	16,375	4,185,807	1,043,419	3,120,849	21,539	326,803	16,176	605,483
MOUNTAIN:												
Montana	1,351,070	237,596	84,663	84,281	382	1,022,438	528,320	453,207	40,911	6,373	-----	2,975
Idaho	960,679	90,526	146,305	124,865	21,440	723,012	23,257	699,171	584	836	-----	5,617
Wyoming	236,346	153,525	-----	-----	-----	82,429	4,085	77,699	645	392	-----	325
Colorado	993,196	275,434	235,784	185,184	50,596	408,053	234,991	171,012	2,619	18,954	54,971	5,617
New Mexico	410,759	10,337	62,680	52,000	680	344,722	12,810	308,102	23,810	1,360	660	19,575
Arizona	442,643	26,307	-----	-----	-----	356,642	350,122	6,520	-----	59,694	-----	11,150
Utah	552,977	5,942	29,050	200	28,850	426,037	15,631	410,406	-----	91,948	-----	2,800
Nevada	209,957	800	19,500	15,000	4,500	189,657	82,975	41,482	65,200	-----	-----	200
PACIFIC:												
Washington	4,031,556	1,532,758	173,258	22,098	151,160	2,307,366	733,449	1,522,837	51,080	9,244	8,930	33,006
Oregon	1,795,621	608,017	166,287	62,207	104,080	1,003,169	24,829	966,087	12,253	17,648	500	15,340
California	2,841,413	563,298	513,373	15,365	498,008	1,635,532	1,015,326	579,912	40,294	104,717	24,493	14,004

DIAGRAM 24.—STOCKS OF CORN MEAL REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

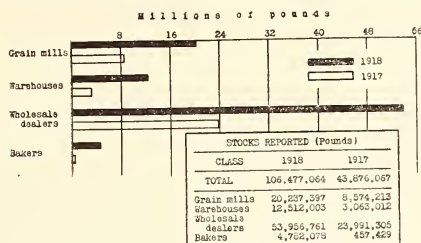


Table 32.—Comparative figures for corn meal—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
	Pounds.	Pounds.
United States.....	106,477,064	43,876,067
GEOGRAPHIC DIVISIONS:		
New England.....	12,606,783	3,025,742
Middle Atlantic.....	27,875,565	12,453,127
West North Central.....	16,489,596	5,154,576
West North Atlantic.....	11,710,300	3,481,362
East South Central.....	9,125,346	5,939,356
West South Central.....	6,019,412	4,753,731
Mountain.....	11,914,397	5,361,917
Pacific.....	4,297,745	1,384,240
	7,337,720	2,322,016
NEW ENGLAND:		
Maine.....	3,592,728	283,642
New Hampshire.....	1,336,237	277,859
Vermont.....	833,921	254,186
Massachusetts.....	4,614,300	1,314,955
Rhode Island.....	918,819	671,923
Connecticut.....	1,280,778	232,177
MIDDLE ATLANTIC:		
New York.....	19,112,907	9,918,528
New Jersey.....	3,617,432	1,014,944
Pennsylvania.....	5,145,226	1,519,655
EAST NORTH CENTRAL:		
Ohio.....	4,609,412	976,711
Indiana.....	2,567,356	973,800
Illinois.....	6,058,939	1,896,075
Michigan.....	2,175,912	792,963
Wisconsin.....	1,077,977	515,027
WEST NORTH CENTRAL:		
Minnesota.....	2,194,357	576,519
Iowa.....	2,823,671	581,092
Missouri.....	3,317,490	1,120,689
North Dakota.....	465,299	181,943
South Dakota.....	255,947	74,438
Nebraska.....	940,745	249,745
Kansas.....	1,714,991	727,339
SOUTH ATLANTIC:		
Delaware.....	215,100	14,442
Maryland.....	890,080	285,191
District of Columbia.....	247,785	163,934
Virginia.....	1,966,951	1,022,591
West Virginia.....	1,081,536	352,889
North Carolina.....	664,301	784,880
South Carolina.....	955,492	260,670
Georgia.....	1,608,868	1,578,554
Florida.....	1,495,230	1,116,205
EAST SOUTH CENTRAL:		
Kentucky.....	876,412	434,478
Tennessee.....	1,696,076	1,163,915
Alabama.....	1,265,449	1,495,870
Mississippi.....	2,181,475	1,659,468
WEST SOUTH CENTRAL:		
Arkansas.....	1,586,018	1,195,904
Louisiana.....	3,192,330	1,648,828
Oklahoma.....	714,228	367,448
Texas.....	5,521,821	2,149,737
MOUNTAIN:		
Montana.....	1,111,709	370,197
Idaho.....	815,046	226,557
Wyoming.....	152,800	38,660
Colorado.....	935,341	401,220
New Mexico.....	338,826	72,937
Arizona.....	352,417	41,636
Utah.....	447,640	221,606
Nevada.....	115,957	11,424
PACIFIC:		
Washington.....	3,641,348	654,573
Oregon.....	1,478,020	496,073
California.....	2,218,352	1,171,370

COMMERCIAL STOCKS OF MISCELLANEOUS CORN FOOD PRODUCTS (HOMINY, GRITS, CORN BREAKFAST FOODS, ETC.)

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of miscellaneous corn food products, as reported in the Food Survey of July 1, 1918, by commercial concerns other than retail dealers, together with the quantities in transit, amounted to 101,576,402 pounds, of which amount 89,795,134 pounds were reported as on hand and 11,781,268 pounds as in transit. Of the stocks on hand, the manufacturers held 14.9 per cent; the warehouses, 4.1 per cent; the wholesale dealers, 28.4 per cent; the brewers, 47.9 per cent; and the miscellaneous group of firms, 4.7 per cent. The stocks reported as on hand by each class of concerns are shown in the first column of Table 33, and the quantities reported as in transit in the last column. The relative stocks of the different classes of concerns are shown graphically in Diagram 25.

The number of reports received and tabulated for miscellaneous corn food products is shown, by classes of business, in Table 35.

Table 33.—Stocks of miscellaneous corn food products reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.		
Total	<i>Pounds.</i> 89,795,134	<i>Pounds.</i> 81,011,093	115.8	<i>Pounds.</i> 69,967,957	<i>Pounds.</i> 11,781,268
Manufacturers	13,413,448	13,322,948	108.3	12,297,662	10,178,997
Grain mills	5,696,288	5,606,754	193.8	2,892,607	2,594,067
Cereal food manufacturers	7,717,160	7,716,194	82.0	9,405,055	7,584,930
Warehouses	3,642,726	2,348,945	63.1	3,721,640	67,656
Wholesale dealers	25,501,508	20,933,507	108.8	19,247,736	1,464,215
Wholesale grocers	20,891,514	17,744,320	106.9	16,593,819	357,220
Other wholesale dealers	4,609,994	3,192,187	120.3	2,653,917	1,106,995
Brewers	43,009,372	41,801,512	125.2	33,382,022	60,000
Miscellaneous	4,228,080	2,604,181	197.6	3,318,597	10,400
Bakers	2,693,043	1,319,414	365.8	360,624	
Other miscellaneous	1,535,037	1,284,767	134.1	958,273	10,400

DIAGRAM 25.—DISTRIBUTION OF TOTAL STOCKS OF MISCELLANEOUS CORN FOOD PRODUCTS (HOMINY, GRITS, CORN BREAKFAST FOODS, ETC.) REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

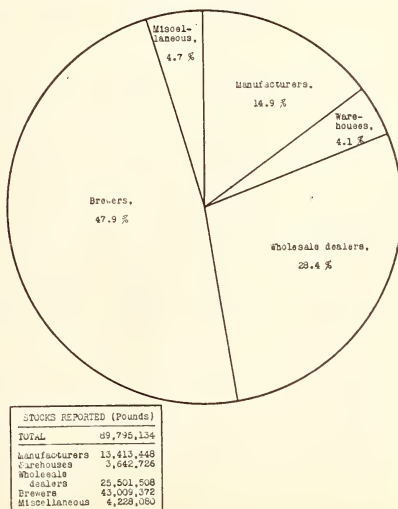


Table 34.—Stocks of miscellaneous corn food products reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	MANUFACTURERS.			Ware- houses.	WHOLESALE DEALERS.			Brewers.	Miscella- neous.	Quantity reported as in transit on July 1, 1918.
		Total.	Grain mills.	Cereal food manufac- turers.		Total.	Wholesale grocers.	Other wholesale dealers.			
United States.....	Pounds. 89,795,134	Pounds. 13,413,448	Pounds. 5,696,288	Pounds. 7,717,160	Pounds. 3,642,726	Pounds. 25,501,508	Pounds. 20,891,514	Pounds. 4,609,994	Pounds. 43,009,372	Pounds. 4,228,080	Pounds. 11,781,268
GEOGRAPHIC DIVISIONS:											
New England:.....	5,785,320	5,000	5,000	-----	254,422	1,658,422	758,601	899,821	3,580,011	287,465	1,122,180
Middle Atlantic.....	22,800,383	976,365	383,053	593,312	1,027,896	3,127,188	2,126,549	1,000,639	16,574,935	1,093,999	857,278
East North Central.....	31,832,406	10,289,022	3,682,587	6,606,435	392,053	3,068,235	2,793,019	275,216	17,010,727	1,071,919	7,496,326
West North Central.....	8,570,900	1,281,580	764,304	517,276	193,014	2,939,578	2,587,440	352,138	3,480,480	676,248	1,882,772
South Atlantic.....	9,696,604	394,724	394,713	11	663,333	7,424,681	6,299,271	1,125,410	738,298	475,568	281,886
East South Central.....	2,847,306	283,765	283,765	-----	105,815	1,711,133	1,617,422	93,711	591,089	155,504	60,743
West South Central.....	5,120,117	2,083	1,957	126	345,938	4,069,551	3,608,929	460,622	601,560	100,985	55,978
Mountain.....	1,362,337	14,509	14,509	-----	339,325	171,909	662,094	49,815	197,772	98,822	10,952
Pacific.....	1,779,761	166,400	166,400	-----	320,480	790,811	438,189	352,622	234,500	267,570	13,153
NEW ENGLAND:											
Maine.....	276,435	-----	-----	-----	79,284	174,448	69,699	104,749	-----	22,703	1,024
New Hampshire.....	73,126	-----	-----	-----	-----	47,417	40,496	6,921	12,500	13,209	1,075
Vermont.....	39,295	5,000	5,000	-----	-----	33,451	30,671	2,780	-----	844	717
Massachusetts.....	3,456,075	-----	-----	-----	150,776	753,254	374,677	378,577	2,379,701	172,344	1,089,010
Rhode Island.....	717,315	-----	-----	-----	13,100	184,940	77,140	107,800	510,730	8,545	354
Connecticut.....	1,223,074	-----	-----	-----	11,262	464,912	165,918	298,994	677,080	69,820	30,000
MIDDLE ATLANTIC:											
New York.....	10,763,202	893,985	338,235	555,750	869,506	1,730,838	968,811	762,027	6,979,554	289,319	762,968
New Jersey.....	3,141,369	100	100	-----	122,834	248,567	138,451	110,086	2,632,041	237,827	1,482
Pennsylvania.....	8,895,812	82,280	44,718	37,562	135,556	1,147,783	1,019,257	128,526	6,963,540	566,853	92,828
EAST NORTH CENTRAL:											
Ohio.....	6,384,796	422,404	270,590	151,814	193,298	1,049,661	996,490	53,171	4,422,689	296,744	1,332,991
Indiana.....	4,024,731	2,744,045	2,740,451	3,564	12,410	456,855	433,498	23,357	463,780	347,641	3,158
Illinois.....	6,511,586	608,155	638,650	29,305	166,295	916,906	826,579	90,327	4,453,662	306,568	706,977
Michigan.....	7,727,141	6,423,748	2,196	6,421,552	20,500	313,780	299,819	13,961	867,355	101,758	5,446,878
Wisconsin.....	7,184,152	30,670	30,670	-----	-----	331,033	236,633	94,400	6,803,241	19,208	6,322
WEST NORTH CENTRAL:											
Minnesota.....	2,166,490	221,456	3	221,453	114,058	470,205	401,244	68,961	1,335,153	25,618	13,683
Iowa.....	1,254,806	402,900	183,030	219,870	52,431	657,509	602,949	54,560	141,666	1,349,993	1,349,993
Missouri.....	3,328,731	90,650	20,900	69,750	7,287	746,170	622,690	123,480	2,145,327	339,297	38,037
North Dakota.....	122,197	-----	-----	-----	-----	112,887	112,545	342	-----	9,310	3,189
South Dakota.....	77,471	-----	-----	-----	-----	73,246	68,520	4,726	-----	4,225	60
Nebraska.....	639,885	174,175	174,175	-----	-----	331,053	317,980	13,073	-----	134,657	324,642
Kansas.....	981,320	392,399	386,196	6,203	19,238	548,208	461,512	86,696	-----	21,475	153,168
SOUTH ATLANTIC:											
Delaware.....	76,306	1,100	1,100	-----	-----	18,806	8,756	10,050	56,200	200	250
Maryland.....	1,243,594	7,675	7,675	-----	-----	253,014	337,379	136,534	612,498	33,028	3,747
District of Columbia.....	452,465	-----	-----	-----	-----	38,478	87,300	85,392	-----	326,687	-----
Virginia.....	499,051	727	727	-----	-----	59,400	420,728	359,243	61,485	18,196	3,135
West Virginia.....	491,534	-----	-----	-----	-----	50,305	401,485	390,469	11,016	39,744	10,582
North Carolina.....	601,090	184,800	184,800	-----	-----	399,580	383,839	15,751	-----	16,700	151,000
South Carolina.....	2,900,476	12,680	12,680	-----	-----	204,616	2,681,651	2,074,790	606,861	1,530	28,461
Georgia.....	1,696,105	184,369	184,369	-----	-----	57,020	1,347,269	1,200,565	146,704	69,600	37,847
Florida.....	1,735,982	3,373	3,362	11	500	1,730,473	1,595,372	135,101	-----	1,636	59,436
EAST SOUTH CENTRAL:											
Kentucky.....	1,186,594	228,344	228,344	-----	52,354	275,164	262,744	12,420	550,189	80,543	3,067
Tennessee.....	523,133	21,200	21,200	-----	53,461	375,648	316,044	59,604	40,900	31,924	30,891
Alabama.....	849,047	34,221	34,221	-----	-----	771,789	757,192	14,597	-----	43,037	25,346
Mississippi.....	288,532	-----	-----	-----	-----	288,532	281,442	7,090	-----	-----	1,439
WEST SOUTH CENTRAL:											
Arkansas.....	411,104	50	50	-----	-----	410,842	373,089	37,753	-----	212	1,544
Louisiana.....	2,267,894	126	-----	126	210,480	1,706,523	1,580,159	126,364	335,000	15,765	26,974
Oklahoma.....	792,037	1,785	1,785	-----	22,060	726,546	647,710	78,836	-----	41,646	16,079
Texas.....	1,649,082	122	122	-----	113,398	1,225,640	1,007,971	217,669	266,560	43,362	11,381
MOUNTAIN:											
Montana.....	166,319	14,504	14,504	-----	14,546	41,683	33,952	7,731	91,520	4,066	2,389
Idaho.....	71,855	-----	-----	-----	-----	70,805	70,559	246	-----	1,050	738
Wyoming.....	94,387	-----	-----	-----	-----	60,735	60,735	-----	33,652	-----	280
Colorado.....	640,508	-----	-----	-----	313,184	307,048	288,705	18,343	3,700	16,676	4,769
New Mexico.....	103,089	-----	-----	-----	798	85,191	84,109	1,082	7,000	10,100	530
Arizona.....	46,984	-----	-----	-----	-----	46,954	46,954	449	-----	30	666
Utah.....	163,701	5	5	-----	9,900	96,796	73,162	21,634	-----	57,000	1,560
Nevada.....	75,494	-----	-----	-----	897	2,697	2,367	330	61,900	10,000	-----
PACIFIC:											
Washington.....	306,618	55,365	55,365	-----	33,548	139,454	86,285	53,169	-----	78,251	4,698
Oregon.....	258,972	40,000	40,000	-----	74,400	98,980	92,840	6,140	-----	45,592	2,068
California.....	1,214,171	71,035	71,035	-----	212,532	552,377	259,064	293,313	234,500	143,727	6,387

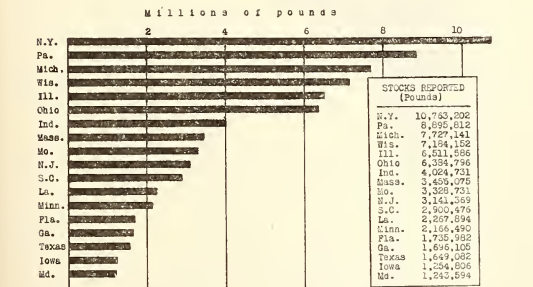
Table 35.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting miscellaneous corn food products.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	5,606	4,174
Manufacturers.....	159	120
Grain mills.....	127	91
Cereal food manufacturers.....	32	29
Warehouses.....	162	114
Wholesale dealers.....	3,966	3,085
Wholesale grocers.....	3,428	2,726
Other wholesale dealers.....	538	359
Brewers.....	479	454
Miscellaneous.....	840	401
Bakers.....	588	245
Other miscellaneous.....	252	156

Geographic Distribution of Stocks Reported.

The distribution of the stocks of miscellaneous corn food products among the several geographic divisions and states is shown, by classes of business, in Table 34. The East North Central division ranked first in stocks of this commodity, and the Middle Atlantic division second, these two divisions together reporting about three-fifths of the United States total. The South Atlantic and the West South Central divisions ranked, respectively, third and fourth. Among the individual states, New York ranked first, Pennsylvania second, Michigan third, Wisconsin fourth, and Illinois fifth. The stocks in Michigan were reported mainly by the cereal food manufacturers; in the other four states mentioned the holdings of the brewers were important. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 26. The quantities reported as in transit are given by geographic divisions and states in the last column of Table 34.

Diagram 26.—Stocks of Miscellaneous Corn Food Products (Hominy, Grits, Corn Breakfast Foods, Etc.) Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About nine-tenths of the reports, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 33, and by geographic divisions and states in Table 36. These figures indicate that, except for the warehouses, the stocks of each of the more important classes of business were larger on the date of the Survey than on July 1, 1917, the total current holdings being 15.8 per cent larger than those of a year earlier. The stocks on the two dates mentioned are represented in graphic form for each class of business concerns except the miscellaneous group in Diagram 27.

Diagram 27.—Stocks of Miscellaneous Corn Food Products (Hominy, Grits, Corn Breakfast Foods, Etc.) Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

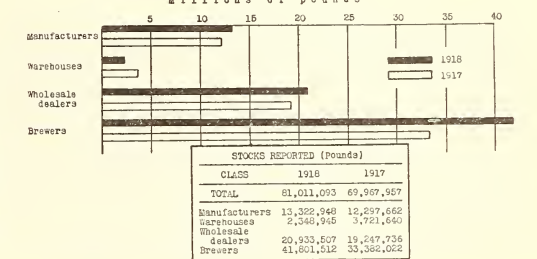


Table 36.—Comparative figures for other corn food products—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

Geographic Division and State.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States.....	Pounds. 81,011,093	Pounds. 69,967,957
Geographic Divisions:		
New England.....	4,935,766	4,371,196
Middle Atlantic.....	20,468,191	20,949,301
East North Central.....	30,286,617	23,031,817
West North Central.....	7,740,439	5,069,238
South Atlantic.....	8,124,602	8,545,624
East South Central.....	2,512,193	1,746,994
West South Central.....	4,211,733	3,177,028
Mountain.....	1,200,639	1,061,695
Pacific.....	1,566,863	1,415,064
New England:		
Maine.....	233,834	117,978
New Hampshire.....	37,965	25,784
Vermont.....	13,802	14,087
Massachusetts.....	2,993,480	2,303,147
Rhode Island.....	582,932	1,128,888
Connecticut.....	1,073,663	781,302
Middle Atlantic:		
New York.....	9,146,826	11,391,871
New Jersey.....	2,997,232	2,057,237
Pennsylvania.....	8,324,133	7,500,193
East North Central:		
Ohio.....	5,980,563	5,224,268
Indiana.....	3,711,556	4,977,017
Illinois.....	5,958,135	5,708,220
Michigan.....	7,626,198	7,087,550
Wisconsin.....	7,010,165	3,514,762
West North Central:		
Minnesota.....	2,019,470	1,339,532
Iowa.....	1,108,075	959,383
Missouri.....	3,138,347	2,280,459
North Dakota.....	109,655	153,002
South Dakota.....	52,701	80,877
Nebraska.....	421,342	353,359
Kansas.....	854,549	502,536
South Atlantic:		
Delaware.....	73,586	60,017
Maryland.....	968,021	2,230,958
District of Columbia.....	396,363	222,536
Virginia.....	394,082	135,254
West Virginia.....	378,354	275,091
North Carolina.....	506,485	278,743
South Carolina.....	2,304,668	2,316,278
Georgia.....	1,503,651	1,179,082
Florida.....	1,583,992	1,844,665
East South Central:		
Kentucky.....	1,060,694	646,796
Tennessee.....	457,995	423,889
Alabama.....	755,065	499,242
Mississippi.....	285,449	177,067
West South Central:		
Arkansas.....	337,400	332,712
Louisiana.....	1,982,230	1,163,013
Oklahoma.....	478,818	451,819
Texas.....	1,413,725	1,229,484
Mountain:		
Montana.....	157,941	202,593
Idaho.....	70,805	134,138
Wyoming.....	87,325	18,398
Colorado.....	584,814	380,271
New Mexico.....	49,713	70,194
Arizona.....	31,201	39,858
Nevada.....	123,546	123,674
	65,294	8,569
Pacific:		
Washington.....	244,438	208,292
Oregon.....	248,582	243,823
California.....	1,077,843	965,949

COMMERCIAL STOCKS OF MIXED FLOUR

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of mixed flour, as reported in the Food Survey of July 1, 1918, by commercial concerns other than retail dealers, together with the quantities in transit, amounted to 14,452,480 pounds, comprising 14,075,627 pounds on hand and 376,853 pounds in transit. Of the stocks on hand, the grain mills held 7.3 per cent; the warehouses, 23.8 per cent; the wholesale dealers, 53.8 per cent; the bakers, 13.6 per cent; and a miscellaneous group of firms, 1.5 per cent. The stocks held by each of these classes of concerns are shown in the first column of Table 37, and the quantity reported as in transit in the last column. The relative quantities held by the several classes of business concerns are shown graphically in Diagram 28.

The number of schedules upon which the information for this report is based is shown, by classes of business, in Table 38.

Table 37.—Stocks of mixed flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.			
Total	Pounds. 14,075,627	Pounds. 9,404,148	200.1	Pounds. 4,699,834	Pounds. 376,853	
Grain mills	1,032,027	642,804	289.7	221,901	2,580	
Storage warehouses	3,336,910	1,712,134	428.7	399,389	4,500	
Elevators and grain warehouses	365,547	97,613	265.3	95,486	4,500	
General warehouses	2,971,363	1,644,521	439.8	373,903	4,500	
Wholesale dealers	7,572,768	5,840,076	183.3	3,185,899	187,273	
Wholesale grain and flour dealers	716,420	482,025	490.1	98,356	8,146	
Wholesale grocers	6,498,614	5,032,674	169.0	2,978,254	177,127	
Other wholesale dealers	357,734	325,377	297.7	109,289	2,000	
Bakers	1,916,341	1,061,996	209.2	507,570	500	
Miscellaneous	217,581	147,138	38.2	385,075	182,000	
Cereal food manu- facturers	129,765	117,639	97.6	120,548	180,000	
Other miscellaneous	87,816	29,499	11.2	264,527	2,000	

Diagram 28.—Distribution of Total Stocks of Mixed Flour Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

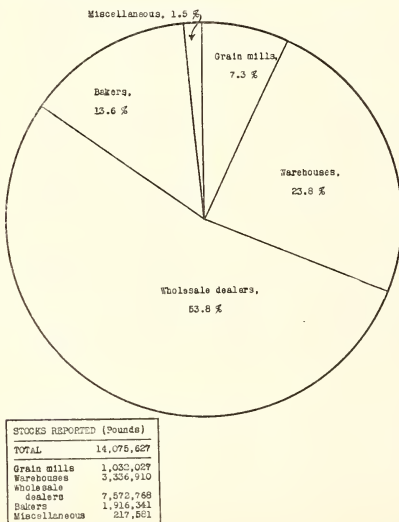


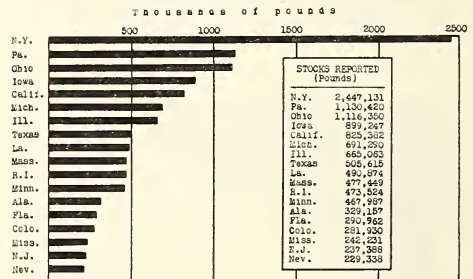
Table 38.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting mixed flour.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	2,072	1,388
Grain mills.....	84	52
Storage warehouses.....	122	61
Elevators and grain warehouses.....	61	39
General warehouses.....	61	32
Wholesale dealers.....	1,532	1,124
Wholesale grain and flour dealers.....	100	54
Wholesale grocers.....	1,366	1,025
Other wholesale dealers.....	66	45
Bakers.....	278	118
Miscellaneous.....	56	33
Cereal food manufacturers.....	9	6
Other miscellaneous.....	47	27

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of mixed flour, as reported by the different classes of concerns here considered, is shown in Table 39. As may be seen from the table, the Middle Atlantic division ranked first in stocks of this commodity reported, the East North Central division ranked second, and the West North Central division third. The figures for the individual states indicate that New York alone reported 2,447,131 pounds of mixed flour, which was nearly one-fifth of the total reported for the entire country, while Pennsylvania ranked second, and Ohio third. The stocks reported for each of the eighteen most important states are represented in graphic form in Diagram 29. The quantities reported as in transit are given by geographic divisions and states in the last column of Table 39.

Diagram 29.—Stocks of Mixed Flour Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About two-thirds of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 37, and by geographic divisions and states in Table 40. Each of the classes of business concerns here considered, with the exception of the miscellaneous group, reported materially increased stocks, as compared with those held on July 1, 1917. The total stocks on the date of the Survey were twice as large as those held by the same firms on July 1, 1917. The stocks reported for each of the two dates above mentioned are represented graphically for grain mills, warehouses, wholesale dealers, and bakers in Diagram 30.

Table 39.—Stocks of mixed flour reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	STORAGE WAREHOUSES.					WHOLESALE DEALERS.					Quantity reported as in transit on July 1, 1918.	
		Grain mills.		Elevators and grain ware- houses.	General ware- houses.			Whole- sale grain and flour dealers.	Whole- sale grocers.	Other wholesale dealers.	Bakers.		Miscella- neous.
United States	Pounds. 14,075,627	Pounds. 1,032,027	Pounds. 3,336,910	Pounds. 365,547	Pounds. 2,971,363	Pounds. 7,572,768	Pounds. 716,420	Pounds. 6,498,614	Pounds. 357,734	Pounds. 1,916,341	Pounds. 217,581	Pounds. 376,853	
GEOGRAPHIC DIVISIONS:													
New England:	1,179,062	268	495,168	-----	495,168	509,637	18,708	427,594	63,335	153,036	20,953	33,292	
Middle Atlantic:	3,814,939	178,799	1,345,858	4,091	1,341,747	1,227,545	72,282	1,141,876	13,387	981,444	81,313	203,501	
East North Central:	2,717,186	212,358	543,875	27,221	516,654	1,523,370	191,208	1,291,397	40,774	400,492	37,082	20,091	
West North Central:	1,908,676	173,055	350,374	49,443	300,931	1,247,621	113,629	1,066,681	127,311	70,535	67,091	18,980	
South Atlantic:	721,990	2,300	61,127	-----	61,127	628,287	13,803	612,082	2,402	27,758	2,518	32,224	
East South Central:	752,326	50,112	65,124	65,124	-----	618,788	26,568	590,000	2,220	13,478	4,824	22,463	
West South Central:	1,056,220	102	21,695	-----	21,695	878,147	6,336	840,809	31,002	154,272	2,004	35,136	
Mountain:	808,887	1,506	341,078	218,819	122,759	419,812	5,830	388,024	25,958	41,706	1,785	3,131	
Pacific:	1,116,341	410,527	112,631	1,349	111,282	519,552	268,056	200,151	51,345	73,620	11	8,035	
NEW ENGLAND:													
Maine:	56,931	-----	-----	-----	-----	52,331	3,016	49,290	25	4,400	200	30,200	
New Hampshire:	33,610	-----	-----	-----	-----	27,916	4,116	23,800	-----	5,694	-----	100	
Vermont:	3,908	-----	-----	-----	-----	3,504	4	3,500	-----	404	-----	120	
Massachusetts:	477,449	268	222,526	-----	222,526	191,650	9,820	133,268	48,562	43,459	10,546	770	
Rhode Island:	473,524	-----	272,642	-----	272,642	107,466	-----	107,466	-----	92,461	955	2,000	
Connecticut:	133,640	-----	-----	-----	-----	126,770	1,752	110,270	14,748	6,618	252	102	
MIDDLE ATLANTIC:													
New York:	2,447,131	81,647	1,019,442	3,920	1,015,522	808,542	58,670	738,290	11,582	470,563	66,937	198,398	
New Jersey:	237,788	11,200	77,028	-----	77,028	108,747	2,000	106,612	135	26,881	13,532	25	
Pennsylvania:	1,130,429	85,952	249,368	171	249,197	310,256	11,612	296,974	1,670	484,000	844	5,078	
EAST NORTH CENTRAL:													
Ohio:	1,116,350	500	384,621	8,366	376,255	524,239	30,321	479,647	14,271	206,990	-----	3,187	
Indiana:	173,413	13,168	1,151	1,092	59	37,064	9,698	123,466	3,900	22,030	200	660	
Illinois:	665,033	162,000	4,070	590	3,480	376,384	51,400	311,042	13,942	117,961	4,648	6,498	
Michigan:	691,290	30,690	145,503	8,643	136,860	432,985	92,253	332,071	8,661	50,398	31,714	8,876	
Wisconsin:	70,870	6,000	8,530	8,530	-----	52,707	7,536	45,171	-----	3,113	520	870	
WEST NORTH CENTRAL:													
Minnesota:	467,987	12,288	213,091	61	213,030	235,323	2,246	106,415	126,662	4,135	3,300	9,227	
Iowa:	809,247	147,500	24,757	5,602	19,185	656,639	77,454	578,801	354	8,336	61,985	6,247	
Missouri:	198,893	10,012	11,449	-----	11,449	133,463	33,287	100,176	-----	42,363	1,606	1,758	
North Dakota:	23,101	-----	42	42	-----	20,236	-----	20,236	-----	2,523	300	510	
South Dakota:	81,350	-----	41,758	41,758	-----	39,036	-----	39,036	-----	5,566	-----	3,110	
Nebraska:	158,160	2,855	58,927	1,660	57,267	73,320	642	72,588	90	3,058	-----	379	
Kansas:	99,938	450	320	320	-----	89,604	-----	89,129	175	9,564	-----	859	
SOUTH ATLANTIC:													
Delaware:	10,965	200	-----	-----	-----	7,750	1,922	5,828	-----	3,015	-----	105	
Maryland:	109,411	-----	60,384	-----	60,384	43,895	8,980	34,713	202	3,256	1,876	315	
District of Columbia:	16,254	-----	18	-----	18	16,236	-----	16,236	-----	-----	-----	-----	
Virginia:	33,533	-----	-----	-----	-----	28,533	-----	28,533	-----	5,000	-----	563	
West Virginia:	85,283	1,500	65	-----	65	82,868	501	82,367	-----	600	250	882	
North Carolina:	31,355	600	-----	-----	-----	30,755	-----	30,755	-----	-----	-----	3,110	
South Carolina:	36,185	-----	-----	-----	-----	36,185	816	35,369	-----	-----	-----	15,288	
Georgia:	108,042	-----	300	-----	300	91,885	1,584	90,301	-----	15,857	-----	1,199	
Florida:	290,962	-----	360	-----	360	290,180	-----	287,980	2,200	30	392	10,762	
EAST SOUTH CENTRAL:													
Kentucky:	37,307	1,000	-----	-----	-----	35,905	-----	35,685	220	378	24	222	
Tennessee:	143,631	5,808	62,184	62,184	-----	75,639	1,568	72,071	2,000	-----	-----	12,616	
Alabama:	329,157	43,304	2,940	2,940	-----	265,013	24,736	240,277	-----	13,100	4,800	9,625	
Mississippi:	242,231	-----	-----	-----	-----	242,231	264	241,967	-----	-----	-----	-----	
WEST SOUTH CENTRAL:													
Arkansas:	19,691	100	-----	-----	-----	17,311	-----	17,205	106	2,250	-----	60	
Louisiana:	490,874	-----	525	-----	525	470,670	-----	470,670	-----	18,279	1,400	30,677	
Oklahoma:	40,040	-----	-----	-----	-----	38,494	6,336	32,158	-----	1,501	45	704	
Texas:	505,615	2	21,170	-----	21,170	351,672	-----	320,776	30,96	132,212	559	3,695	
MOUNTAIN:													
Montana:	45,776	102	-----	-----	-----	41,816	270	41,546	-----	3,858	-----	90	
Idaho:	88,993	-----	-----	-----	-----	87,999	-----	87,999	-----	990	-----	-----	
Wyoming:	16,026	1,700	-----	-----	-----	14,326	-----	14,326	-----	-----	-----	-----	
Colorado:	281,930	-----	117,809	-----	117,809	131,838	560	131,278	-----	31,398	885	2,741	
New Mexico:	42,741	100	4,950	-----	4,950	37,231	-----	36,967	264	460	-----	-----	
Arizona:	16,043	-----	-----	-----	-----	14,943	-----	14,819	124	200	900	-----	
Utah:	88,040	-----	-----	-----	-----	83,240	-----	57,670	25,570	4,800	-----	300	
Nevada:	229,338	2,600	218,319	218,319	-----	8,419	5,000	3,419	-----	-----	-----	-----	
PACIFIC:													
Washington:	201,605	42,383	2,807	-----	2,807	145,622	6,714	94,058	44,850	10,793	-----	4,710	
Oregon:	89,354	54,000	500	500	-----	31,124	-----	31,124	-----	3,719	11	2,875	
California:	825,382	314,144	109,324	849	108,475	342,806	261,342	74,969	6,495	59,103	-----	450	

DIAGRAM 30.—STOCKS OF MIXED FLOUR REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

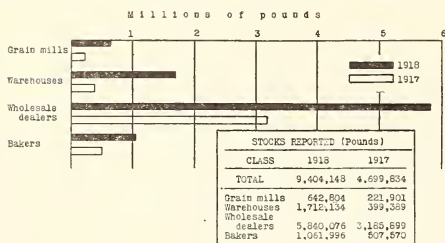


Table 40.—Comparative figures for mixed flour—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.		Stocks reported for July 1, 1917.	
	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	9,404,148	4,699,834		
GEOGRAPHIC DIVISIONS:				
New England.....	426,965	603,472		
Middle Atlantic.....	2,896,015	1,244,614		
East North Central.....	1,669,756	557,082		
West North Central.....	1,501,010	507,232		
South Atlantic.....	508,654	492,360		
East South Central.....	390,531	477,938		
West South Central.....	709,667	154,848		
Mountain.....	517,944	331,455		
Pacific.....	783,606	360,833		
NEW ENGLAND:				
Maine.....	45,075	35,286		
New Hampshire.....	22,958	16,806		
Vermont.....	824	1,500		
Massachusetts.....	166,245	375,195		
Rhode Island.....	120,036	123,370		
Connecticut.....	71,827	51,315		
MIDDLE ATLANTIC:				
New York.....	2,066,851	579,500		
New Jersey.....	176,694	108,281		
Pennsylvania.....	652,470	556,743		
EAST NORTH CENTRAL:				
Ohio.....	518,602	131,230		
Indiana.....	120,467	41,755		
Illinois.....	590,894	190,025		
Michigan.....	406,982	159,817		
Wisconsin.....	32,811	34,252		
WEST NORTH CENTRAL:				
Minnesota.....	299,728	125,878		
Iowa.....	831,596	163,432		
Missouri.....	138,441	125,356		
North Dakota.....	18,388	7,828		
South Dakota.....	38,850	15,427		
Nebraska.....	95,193	26,951		
Kansas.....	63,814	42,360		
SOUTH ATLANTIC:				
Delaware.....	10,437	8,177		
Maryland.....	16,395	8,991		
District of Columbia.....	1,026	1,269		
Virginia.....	11,934	11,800		
West Virginia.....	17,316	43,717		
North Carolina.....	15,941	26,764		
South Carolina.....	31,387	76,060		
Georgia.....	86,773	32,254		
Florida.....	263,445	253,328		
EAST SOUTH CENTRAL:				
Kentucky.....	30,598	10,947		
Tennessee.....	71,916	307,225		
Alabama.....	107,053	87,020		
Mississippi.....	180,959	72,746		
WEST SOUTH CENTRAL:				
Arkansas.....	18,120	3,523		
Louisiana.....	261,174	82,418		
Oklahoma.....	17,125	1,039		
Texas.....	413,248	67,268		
MOUNTAIN:				
Montana.....	22,186	10,008		
Idaho.....	87,695	75,917		
Wyoming.....	10,605	1,960		
Colorado.....	264,420	150,715		
New Mexico.....	33,070	17		
Arizona.....	13,639	4,623		
Utah.....	83,890	80,005		
Nevada.....	2,439	1,050		
PACIFIC:				
Washington.....	166,432	110,713		
Oregon.....	84,734	116,487		
California.....	532,440	133,633		

COMMERCIAL STOCKS OF ROLLED OATS

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of rolled oats (including oatmeal) reported in the Food Survey of July 1, 1918, by commercial concerns other than retail dealers, together with the quantities in transit, amounted to 128,796,636 pounds. Of this amount, 89,362,748 pounds were reported as on hand and 39,433,888 pounds as in transit. Of the stocks on hand, the wholesale dealers held not far from two-thirds, the exact distribution of these stocks among the different classes of business concerns being as follows: Manufacturers, 16.1 per cent; warehouses, 8.5 per cent; wholesale dealers, 63.2 per cent; bakers, 11.2 per cent; and the miscellaneous group of firms, 1.0 per cent. The stocks held by these classes of concerns are shown in the first column of Table 41, and the quantities reported as in transit in the last column of Table 41, and the quantities reported as in transit in the last column of Table 41. The relative stocks held by the different classes of concerns are represented graphically in Diagram 31.

The number of schedules received and tabulated for rolled oats is shown, by classes of business, in Table 43.

Table 41.—Stocks of rolled oats reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

CLASS OF BUSINESS.	Total stocks reported as on hand July 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.				Quantity reported as in transit on July 1, 1918.
		1918 stocks.		1917 stocks.		
		Quantity.	Per cent of 1917.			
Total	<i>Pounds.</i> 89,362,748	<i>Pounds.</i> 68,860,965	145.2	<i>Pounds.</i> 47,412,999	<i>Pounds.</i> 39,433,888	
Manufacturers	14,402,760	13,792,405	127.4	10,823,198	36,264,776	
<i>Grain mills</i>	2,577,708	1,975,483	143.2	1,379,926	108,187	
<i>Cereal food manufacturers</i>	11,825,052	11,816,922	125.1	9,443,272	36,156,589	
Warehouses	7,621,272	4,414,166	132.5	3,330,388	13,200	
Wholesale dealers	56,465,385	46,817,737	141.9	32,992,527	3,095,730	
<i>Wholesale grocers</i>	48,588,819	41,373,193	133.8	30,915,225	994,836	
<i>Other wholesale dealers</i>	7,876,566	5,444,544	262.1	2,077,302	2,100,894	
Bakers	10,033,248	3,291,785	2491.0	131,864	15,960	
Miscellaneous	840,083	551,872	408.7	135,022	44,222	
<i>Grain elevators</i>	670,680	481,542	757.5	63,570	43,149	
<i>Other miscellaneous</i>	169,403	70,330	98.4	71,452	1,080	

DIAGRAM 31.—DISTRIBUTION OF TOTAL STOCKS OF ROLLED OATS REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

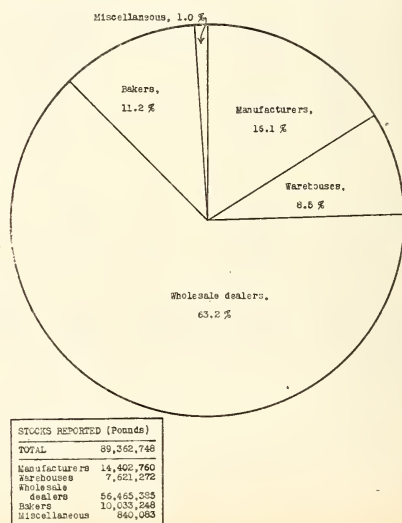


Table 42.—Stocks of rolled oats reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers.
by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported as on hand July 1, 1918.	MANUFACTURERS.			Ware- houses.	WHOLESALE DEALERS.			Bakers.	Miscella- neous.	Quantity reported as in transit on July 1, 1918.
		Total.	Grain mills.	Cereal food manufac- turers.		Total.	Wholesale grocers.	Other wholesale dealers.			
United States	Pounds. 89,362,748	Pounds. 14,402,760	Pounds. 2,577,708	Pounds. 11,825,052	Pounds. 7,621,272	Pounds. 56,465,385	Pounds. 48,588,819	Pounds. 7,876,566	Pounds. 10,033,248	Pounds. 840,083	Pounds. 39,433,888
GEOGRAPHIC DIVISIONS:											
New England	13,521,530	119,946	106,306	13,640	2,113,050	10,165,216	8,548,538	1,616,678	931,346	191,972	56,993
Middle Atlantic	24,631,292	5,793,372	251,657	5,541,715	2,488,689	10,467,059	8,791,110	1,675,949	5,771,360	110,812	233,553
East North Central	15,904,676	2,316,598	492,840	1,824,058	840,816	10,667,321	9,509,633	1,157,688	1,825,707	253,934	13,088,430
West North Central	13,582,723	4,836,854	467,452	4,369,402	714,185	7,049,004	6,675,747	373,257	766,179	216,501	25,758,944
South Atlantic	4,669,264	57,014	20,369	36,675	403,254	3,938,820	3,190,620	748,200	267,496	2,650	83,066
East South Central	2,371,358	520	520	—	50,415	2,297,199	1,999,661	297,538	29,206	18	24,934
West South Central	6,527,522	1,376	600	776	700,528	5,568,801	5,125,834	442,967	245,132	2,685	38,827
Mountain	3,662,953	233,805	202,305	31,500	158,168	3,066,629	2,305,963	760,666	155,036	49,315	34,985
Pacific	4,491,430	1,042,945	1,035,659	7,286	143,167	3,245,336	2,441,713	803,623	47,786	12,196	114,156
NEW ENGLAND:											
Maine	2,461,891	1,700	1,700	—	653,755	1,790,240	1,278,755	511,485	12,566	3,630	25,000
New Hampshire	977,821	15,910	15,910	—	—	936,243	864,941	71,302	20,758	4,910	5,945
Vermont	676,105	13,940	300	13,640	12,132	644,042	382,751	261,291	5,307	684	4,434
Massachusetts	6,780,903	86,596	86,596	—	1,077,710	4,661,266	4,194,671	496,595	763,579	161,752	19,418
Rhode Island	1,105,923	1,800	1,800	—	329,673	723,136	616,508	106,648	31,098	20,196	868
Connecticut	1,518,857	—	—	—	39,780	1,380,269	1,210,912	169,357	98,038	800	1,328
MIDDLE ATLANTIC:											
New York	17,020,513	5,739,724	198,309	5,541,415	1,005,645	5,874,817	4,676,209	1,198,608	4,276,731	23,596	171,531
New Jersey	1,237,313	5,676	—	—	—	1,232,737	1,053,167	179,570	293,570	43,200	80
Pennsylvania	6,353,466	47,972	47,672	300	1,410,054	3,749,870	3,407,696	342,174	1,101,554	44,016	61,162
EAST NORTH CENTRAL:											
Ohio	4,436,713	1,091,051	106,148	984,903	457,703	2,508,086	2,280,791	227,295	370,421	9,452	9,014,807
Indiana	1,243,130	34,942	4,545	30,397	9,950	838,658	849,198	39,460	301,968	7,612	8,571
Illinois	4,134,777	886,868	233,690	653,178	107,195	2,611,658	2,323,453	288,205	437,604	91,452	1,902,429
Michigan	3,842,114	213,938	58,358	155,580	90,000	3,026,075	2,650,218	375,857	479,992	32,109	123,632
Wisconsin	2,247,942	90,039	90,039	—	175,968	1,632,844	1,405,973	226,871	235,722	113,309	2,038,991
WEST NORTH CENTRAL:											
Minnesota	2,110,258	372,864	318,134	54,730	160,118	1,157,507	1,069,977	87,530	300,942	118,827	142,854
Iowa	6,493,063	4,264,020	60,445	4,203,575	6,498	2,020,323	1,918,337	101,986	174,354	27,868	25,268,092
Missouri	2,590,333	2,270	—	2,270	401,689	1,854,284	1,801,544	52,740	240,535	1,555	36,639
North Dakota	375,963	84,508	—	—	—	243,057	236,669	6,388	2,032	46,366	11,710
South Dakota	260,142	1,110	—	—	—	241,651	218,807	22,844	1,001	16,380	362
Nebraska	649,599	2,990	2,990	—	17,370	606,656	542,650	64,006	19,691	2,892	4,376
Kansas	1,193,365	109,092	265	108,827	128,510	925,526	887,763	37,763	27,624	2,613	294,911
SOUTH ATLANTIC:											
Delaware	65,224	—	—	—	—	65,104	39,261	25,843	120	—	840
Maryland	1,102,827	670	670	—	277,452	654,325	609,404	44,921	163,385	1,995	15,580
District of Columbia	234,424	—	—	—	102,800	90,371	76,866	13,505	41,233	—	—
Virginia	889,855	16,578	16,578	—	11,214	853,527	765,494	93,033	3,115	421	7,919
West Virginia	678,036	221	221	—	—	668,534	559,433	109,101	9,281	—	36,469
North Carolina	374,375	—	—	—	—	373,540	318,341	55,199	835	—	4,190
South Carolina	215,464	2,000	2,000	—	—	213,464	152,465	60,999	—	—	740
Georgia	462,779	900	900	—	11,788	412,536	305,644	106,892	37,355	200	14,493
Florida	646,280	36,675	—	36,675	—	602,419	363,712	238,707	7,152	34	2,835
EAST SOUTH CENTRAL:											
Kentucky	921,388	100	100	—	34,620	881,679	779,391	102,288	4,971	18	16,832
Tennessee	737,842	15	15	—	15,795	712,953	594,524	118,429	9,079	—	5,496
Alabama	476,187	405	405	—	—	469,260	436,760	32,500	6,522	—	2,326
Mississippi	235,941	—	—	—	—	233,307	188,986	44,321	2,634	—	280
WEST SOUTH CENTRAL:											
Arkansas	626,494	—	—	—	—	608,852	563,206	45,646	17,642	—	3,520
Louisiana	1,928,543	776	—	776	655,933	1,192,594	1,055,989	136,605	78,705	535	6,207
Oklahoma	840,262	—	—	—	49,595	783,477	765,614	17,863	7,090	100	6,379
Texas	3,132,223	600	600	—	4,000	2,983,878	2,741,025	242,853	141,695	2,050	22,712
MOUNTAIN:											
Montana	1,131,164	193,087	193,087	—	160	880,011	303,311	576,700	36,589	21,317	4,282
Idaho	471,426	3,358	3,358	—	5,520	456,993	453,620	3,373	5,171	384	8,220
Wyoming	115,560	160	160	—	—	113,982	112,872	1,110	1,418	—	744
Colorado	1,297,940	31,500	—	31,500	119,146	1,034,714	802,023	142,691	94,506	18,074	9,534
New Mexico	214,417	—	—	—	877	210,825	210,474	351	715	2,000	8,240
Arizona	118,361	—	—	—	—	117,957	116,171	1,786	404	—	625
Utah	283,261	5,700	5,700	—	23,855	236,933	206,243	30,690	16,233	540	3,316
Nevada	30,824	—	—	—	8,610	15,214	11,249	3,965	—	7,000	24
PACIFIC:											
Washington	1,308,526	210,623	210,623	—	583	1,085,466	920,034	165,432	5,191	6,663	77,505
Oregon	614,794	208,354	208,354	—	19,025	365,364	324,844	40,520	18,638	3,413	31,366
California	2,568,110	623,958	616,682	7,286	123,559	1,794,506	1,196,835	597,671	23,957	2,120	5,285

Table 43.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting rolled oats.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	7,710	4,930
Manufacturers.....	387	199
Grain mills.....	352	169
Cereal food manufacturers.....	35	30
Warehouses.....	181	115
Wholesale dealers.....	4,724	3,576
Wholesale grocers.....	3,709	2,955
Other wholesale dealers.....	1,015	621
Bakers.....	1,640	700
Miscellaneous.....	778	340
Grain elevators.....	661	265
Other miscellaneous.....	117	75

Diagram 33.—Stocks of ROLLED OATS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

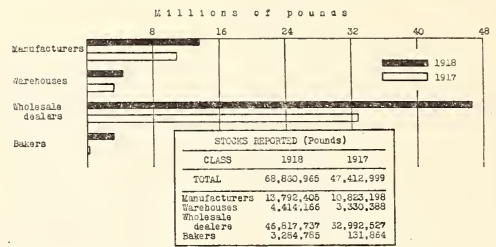


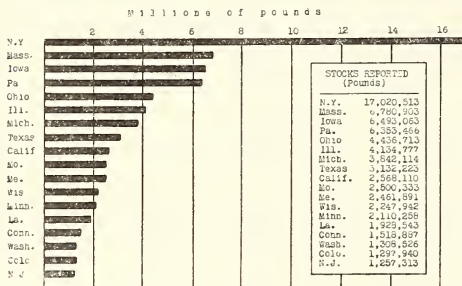
Table 44.—Comparative figures for rolled oats—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Stocks reported for July 1, 1918.	Stocks reported for July 1, 1917.
United States.....	Pounds. 68,860,965	Pounds. 47,412,999
GEOGRAPHIC DIVISIONS:		
New England.....	9,190,304	4,010,969
Middle Atlantic.....	16,824,160	13,427,507
East North Central.....	12,991,504	9,745,043
West North Central.....	11,860,808	6,545,056
South Atlantic.....	3,359,472	2,178,530
East South Central.....	2,052,680	1,419,586
West South Central.....	5,210,611	3,474,024
Mountain.....	3,140,975	2,912,985
Pacific.....	4,130,451	3,699,499
NEW ENGLAND:		
Maine.....	1,678,685	876,010
New Hampshire.....	740,673	363,065
Vermont.....	417,012	189,385
Massachusetts.....	5,029,574	2,051,887
Rhode Island.....	730,552	234,353
Connecticut.....	587,808	296,269
MIDDLE ATLANTIC:		
New York.....	12,055,484	10,859,267
New Jersey.....	477,220	296,859
Pennsylvania.....	4,291,456	2,271,181
EAST NORTH CENTRAL:		
Ohio.....	3,614,391	3,114,906
Indiana.....	801,934	798,389
Illinois.....	3,853,869	2,857,141
Michigan.....	3,318,295	2,000,632
Wisconsin.....	1,670,015	964,952
WEST NORTH CENTRAL:		
Minnesota.....	1,669,321	1,415,094
Iowa.....	6,253,152	2,141,132
Missouri.....	2,029,818	942,537
North Dakota.....	330,167	470,093
South Dakota.....	175,955	178,972
Nebraska.....	520,868	474,319
Kansas.....	881,527	922,909
SOUTH ATLANTIC:		
Delaware.....	60,973	26,439
Maryland.....	760,628	418,319
District of Columbia.....	110,149	99,608
Virginia.....	616,229	481,238
West Virginia.....	475,529	470,602
North Carolina.....	251,882	167,955
South Carolina.....	128,011	57,698
Georgia.....	380,987	238,554
Florida.....	574,984	218,117
EAST SOUTH CENTRAL:		
Kentucky.....	851,683	525,506
Tennessee.....	618,506	518,300
Alabama.....	395,093	283,522
Mississippi.....	190,308	92,058
WEST SOUTH CENTRAL:		
Arkansas.....	518,507	481,137
Louisiana.....	1,585,500	500,622
Oklahoma.....	753,699	488,730
Texas.....	2,632,815	2,003,335
MOUNTAIN:		
Montana.....	875,885	752,887
Idaho.....	459,978	697,745
Wyoming.....	100,802	94,886
Colorado.....	1,189,056	827,676
New Mexico.....	181,818	97,400
Arizona.....	78,866	138,062
Utah.....	233,811	285,012
Nevada.....	20,759	14,874
PACIFIC:		
Washington.....	1,217,249	1,050,714
Oregon.....	556,501	720,619
California.....	2,356,701	1,928,166

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of rolled oats reported in the Survey is shown in Table 42. The Middle Atlantic division, it may be noticed, ranked first in stocks of rolled oats on the date of the Survey, the East North Central division second, the West North Central division third, and the New England division fourth. Turning to the figures for individual states, the state of New York alone reported 17,020,513 pounds of rolled oats, or nearly one-fifth of the total quantity reported for the entire country. Massachusetts ranked second among the individual states, Iowa third, and Pennsylvania fourth. The stocks reported for the eighteen most important states are represented in graphic form in Diagram 32. The quantities reported as in transit are given by geographic divisions and states in the last column of Table 42.

Diagram 32.—Stocks of ROLLED OATS REPORTED BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

Nearly four-fifths of the returns, based on the quantity reported, give information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on the schedules thus giving information for the two dates are shown by classes of firms in Table 41, and by geographic divisions and states in Table 44. These figures indicate that all of the more important classes of business concerns here considered held materially larger stocks of rolled oats on the date of the Survey than they held one year earlier. The increase in the quantities held by the bakers is especially marked. The total current stocks were 45.2 per cent larger than the stocks on hand July 1, 1917. The comparative stocks of rolled oats are represented in graphic form, by classes of business, in Diagram 33.